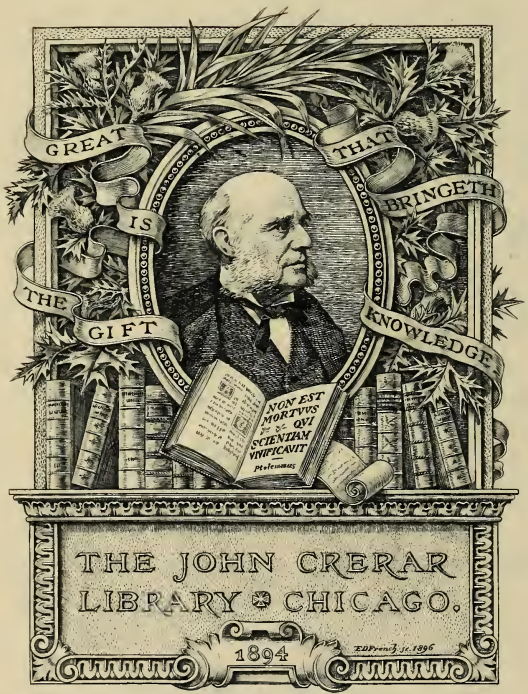
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SEVENTY-EIGHTH YEAR.

ANNUAL

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FOR THE

ACADEMIC YEAR
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DESCRIPTION OF THE COLLEGE.

MEADVILLE.

No city in Western Pennsylvania is more advantageously situated than Meadville. It has two lines of railroad: the New York, Pennsylvania & Ohio, and the Pittsburg, Shenango & Lake Erie. By these routes Pittsburg may be reached in five hours, Cleveland in three hours, Erie in two hours, Cincinnati in twelve hours, and New York in thirteen hours. This arrangement gives easy and expeditious access to the city from all points. The population of the town is about 10,000; it is an old and well established city, having cultured society and many educational influences. The city has most of the modern improvements, such as illuminating gas, electric lights, and natural gas fuel.

HISTORY.

Allegheny College was organized in 1815 by citizens of Meadville. In 1817 they obtained for their institution a liberal charter, and in 1820 laid the foundation of Bentley Hall. In 1833, by a contract between the Trustees and the Pittsburg Annual Conference of the Methodist Episcopal Church, the College came under the control and patronage of the Methodists of this central region. By successive divisions of the Pittsburg Conference, the control and patronage are now vested in the Pittsburg, Erie, East Ohio, and West Virginia Conferences. The contract between the Conferences and the Trustees guarantees a liberal and unsectarian spirit in the management of the College, and the students always represent several religious denominations.

GROUNDS AND BUILDINGS.

The College Campus embraces thirteen acres on the north side of the town, having an elevation of two hundred feet

above French Creek Valley ; it is well shaded with trees, and has a beautiful outlook upon the town and the surrounding country. In natural beauty the Campus is very attractive, and the situation is one of the most healthful in the country.

There are four large buildings belonging to and used by the College.

Bentley Hall bears the name of Rev. William Bentley, D. D., of Massachusetts, who gave his valuable library to the College. The corner stone was laid July 6th, 1820. It consists of a central building three stories high above the basement, and two wings two stories in height, and is devoted to Recitation rooms, Society Halls, rooms of the Young Men's Christian Association, and the office of the President of the College.

Ruter Hall, named after Rev. Martin Ruter, D. D., the second President of the College, is a substantial brick building, erected chiefly by the citizens of Meadville, in 1855. This building contains the Museums of the College, the Library, and the Chapel.

Hulings Hall is a large brick edifice, erected in 1881, by Marcus Hulings, Esq., of Oil City, and the citizens of Meadville. It is used as a home for lady students, and has rooms for sixty. It is about one hundred by eighty feet on the ground, and four stories in height, including the mansard roof, and is supplied with gas and water, and heated by steam.

Wilcox Hall of Science—Many years ago, through the liberality of a friend of the College, a complete equipment of scientific apparatus was secured for the department of science. New apparatus has been constantly added, as recent discoveries demanded new illustrations. During all this period it has been rendered only partially effective by lack of proper room and suitable working space. In 1892 the Trustees determined to erect a build-

ing which should be entirely devoted to scientific work, using a recent gift from the estate of Mr. Robertson Wilcox, deceased, of Girard. This new hall, built on new and original plans, is perfectly adapted to instruction in Physics and Chemistry. It is sixty-one by forty feet and three stories high. The basement consists of two rooms twenty by twenty feet, where the boiler is placed which is used for heating the building and for such chemical and physical operations as demand the use of steam, and which furnishes power for lathes, dynamos, pumps, and other machinery. The first floor is divided into three rooms, two of which are planned for working rooms and the third as a lecture hall. The lecture room is forty by thirty-six and is eighteen feet high, well ventilated and perfectly lighted. Seats for over one hundred are arranged in amphitheatre style, the highest being about ten feet above the lecture table. Two rooms directly above the working rooms of the first floor form a mezzanine, which will serve for apparatus, experiments, photography, etc. There are piers reaching to the ground, unconnected with the floor, suitable for delicate instruments. The third floor is reached by an easy flight of stairs and is fitted for work in Chemistry. An office, two private laboratories, and a general laboratory occupy this floor. These rooms are lighted by as many windows as it was possible to construct without impairing the stability of the building. They are perfectly ventilated, supplied with natural gas, illuminating gas, steam heat, and are furnished with chemical tables with lockers for each student and with all needed facilities for individual and original work in Chemistry.

APPARATUS.

The College possesses extensive cabinets of Mineralogy and Conchology, and complete Chemical and Physical apparatus of the most improved forms.

The apparatus comprises many distinct pieces, affording ample means of illustrating every branch of Physics and

Chemistry now taught in collegiate institutions. Among the most expensive instruments are the following :

A Compound Microscope, with accessories, manufactured by Zentmayer. A Rumkorff Induction Coil, giving a twelve inch spark, by E. S. Richie & Co. Apparatus for solidifying carbonic acid. Eighteen instruments to illustrate the laws of undulations. Auzoux's largest Anatomical Models of the eye, ear, brain, and larynx. Apparatus for reproducing Tyndall's experiments with heat. Two Polariscopes, with accessories. A Spectroscope with four prisms. Complete apparatus for projection, including a first-class Educational Lantern, Double Stereopticon, Oxy-Hydrogen Microscope, Duboscq's apparatus for projecting polarized light, Friction Machine, Holtz Electrical Machine. A Phonograph. Two dynamos and accessories, etc. The optical instruments, excepting the Compound Microscope, Telescope, and Astronomical Transit, were made by M. Duboscq, of Paris.

The telescope is an 8-foot refractor, 7½ inch object glass; in power capable of separating minute double stars; manufactured by A. Clark & Son, Cambridge, Mass. The Astronomical Transit is a fine instrument from the hands of Stackpole Bros.

In Mathematics and Engineering all necessary instruments for illustrating pure and applied Mathematics, are provided.

A Transit with Meridian Finder, a Prismatic Compass, two Sextants, Compass, Chain, Level, and other apparatus are in practical use.

THE MUSEUM.

The Museum embraces several distinct collections of Minerals, Shells, Fossils, etc.

1. The Prescott Collection, comprising 2,200 specimens of Marine, Terrestrial, and Fresh Water Shells, and about 3,000 specimens of Minerals and Fossils, was collected and mounted by Dr. William Prescott.

2. The Haldeman Collection has 550 excellent and carefully labelled specimens of Minerals, and about 2,000 specimens of Shells, and was purchased by S. S. Haldeman.

3. The Alger Collection.—This collection, made by Francis Alger, contains 5,000 specimens of Minerals, remarkable for their beauty and variety. It embraces also a large number of duplicates, and a handsome cabinet of about 1,500 specimens of Shells.

4. Cabinet of Lithology and Palæontology.—This contains an entire series of the well-known Ward Casts, and a very compre-

hensive and valuable collection of Fossils and Rocks, to which additions are being made.

5. Smithsonian Collection.—In addition to several valuable collections heretofore obtained from the Smithsonian Institution, there have been added over 500 specimens of Land, Marine, and Fresh Water Shells from Panama, Vancouver's Island, and the West Indies, chiefly obtained by Prof. C. A. Adams, and authentically labeled by H. Cumming and Dr. P. Carpenter, from the collection of D'Orbigny and Cumming.

6. Entomological Collection.—The Cabinet of insects embraces 3,000 species, carefully and accurately catalogued and classified. It was arranged by W. O. Currier, and donated by a friend of the College.

7. Natural History Collection.—In addition to the above named collections there are about 1,000 Zoological Specimens, including Birds, Reptiles, Fish, and Marine Animals, which are constantly being increased in number by the exertions of the friends of the department.

These collections greatly increase the scientific advantages of the College and furnish special incentives to the study of Natural Science.

THE LIBRARY AND READING ROOM.

The College Library contains about 14,000 volumes, many of them rare and valuable works.

The Library and Reading Rooms occupy the whole of the third floor of Ruter Hall. The Librarian gives his whole time to the Library and the students are able to make free use of books and periodicals at stated hours.

The Reading Room provides for the students a wide range of periodical literature, together with Dictionaries, Encyclopædias, Atlases, and other books of reference. Complete files of all the best magazines are continually kept on hand.

ADMISSION.

Candidates for admission to the Freshman Class are required to pass a satisfactory examination in the following subjects :

LATIN—Grammar, (Allen and Greenough preferred). Composition, Collar, or Daniell. Cæsar, Gallic War, four books. Sallust, Catilina. Cicero, seven orations, (the Manilian Law to count as two). Vergil, Aeneid, six books. The Roman method of pronunciation is used.

GREEK—Grammar, (Goodwin's preferred). Beginner's Greek Book, White. Xenophon, Anabasis complete, or an equivalent amount of Attic prose. Prose Composition, Collar.

FRENCH OR GERMAN—Two years' work, an amount equivalent to courses outlined on page 20.

ENGLISH—English Grammar. The Elements of Rhetoric; the ability to write clear, idiomatic English, correct in spelling and punctuation is expected. Elementary English Literature, an outline of the history of English and American Literature; critical readings from not less than ten of the standard writers. A wide range is given in the selection of authors, but it is expected that the readings are to be from the more important writers.

MATHEMATICS—Arithmetic, with the Metric System. Algebra, through Quadratic Equations, (Wentworth's Complete Algebra preferred). Geometry, Plane and Solid.

HISTORY—United States, Johnston, or Montgomery. Eastern Nations and Greece, Myers. Rome, Allen.

SCIENCE—Physical Geography, Eclectic, or Guyot. Physiology, Walker. Natural Philosophy, with experiments, Gage.

Certificates for the above work will be received from approved schools. It is expressely understood, however, that the right is reserved to require preparatory work from students who are not able to make satisfactory progress in College classes.

Certificates must be made out on special blanks, which will be sent on application. No other certificates will be received.

COURSES OF STUDY.

The College has three parallel courses of study, which lead to the degree of Bachelor of Arts.

I. The Classical Course combines all the excellencies of the time-honored classical course. By immemorial use it has proved its eminent value, and is worthy of the confidence and respect which a long venerated observance gives. For a full and harmonious preparation for the varied professions and employments of life, it is unexcelled. The wide range of electives in the Junior and Senior years enables a student to do special work in favorite lines.

II. The Scientific Course requires the same preparation as the Classical, but French will be accepted in place of Greek. In the College years, the German language takes the place of the Freshman and the Sophmore Greek, and additional science is substituted for the Latin of the Sophomore year. This course opens the treasures of Science in the Modern Languages, and by extensive laboratory practice prepares the student for original research. Young men looking toward chairs of Science in schools and colleges will find this course especially adapted to them.

III. The Course in Latin and Modern Languages requires the same preparation as the Classical, except that two years of French or German are substituted for two years of Greek in the second and third Preparatory years. Two years of German or French are substituted for two years of Greek in the Freshman and Sophomore years. This course has been adopted in order to accommodate students who prefer to leave out the Greek entirely and give more time to the Modern Languages.

Courses II. and III. are enlarged by the addition of elective studies as in the Classical course.

DEPARTMENTS OF INSTRUCTION.

GENERAL PURPOSE.—This institution is a college, that is to say, a training school. Its purpose is to prepare those students who pass to the degree of Bachelor of Arts for any kind of professional study, but it does not undertake to prepare a student to enter upon any profession without special study. And it advises its graduates to avail themselves of the advantages of well-equipped universities. The experience of the college proves that its graduates are able to distinguish themselves in various professional careers, whenever they have added to their college training the special equipment for success in such professions. This general purpose controls the methods of the college in all departments of instruction. The end sought is not complete knowledge of any branch of study, but thorough discipline and correct habits of observation and reflection.

An increasing proportion of our graduates enter not upon professional but upon business life. The general principle above stated applies to them with as much force as to those who enter professions. The training of a college does not teach a man how to do business successfully, but it does prepare him to learn any business rapidly, and to attain large success, if he have the requisite talents.

In this detailed description of the courses the number of "hours" refers to the number of hour recitations per week.

PHILOSOPHY.

The aim in this department is to secure for the student habits of philosophic thought and to enable him to come to a right knowledge of himself and his relations to nature, to his fellow men, and to God. Text books are used only as guides. So far as possible the masters of philosophy are studied from their own works. Emphasis is put on

the necessity of independent investigation and independent thought.

Course I.—Logic.—Much attention is paid to careful drill in synonyms and definition, different forms of immediate inference, fallacies, logical analysis of themes, and the criticism of arguments. *Spring term, three hours.*

This course is elective in Junior year Scientific course, and is required in Junior year of the other courses.

Course II.—Psychology.—Outlines of the science. Recitations and informal lectures. *Fall term, four hours.*

Required in Senior year of all courses.

Course III.—History of Philosophy.— *Winter term, three hours.*

Elective in Senior year of all courses.

Course IV.—Ethics.—Recitations, essays, and discussions. *Spring term, three hours.*

Required in Senior year of all courses.

Course V.—Christian Evidences.—Text book and informal lectures. *Winter term, three hours.*

Required in Senior year of all courses.

SCIENCE.

PHYSICS AND CHEMISTRY.—The leading idea in the instruction given in these subjects is to prepare the student for independent research, upon the theory that such method affords the highest mental discipline and the most satisfactory practical knowledge. Each student, furnished with sufficient material and apparatus to enable him to do so, will pursue his own investigations under such guidance as will secure precision in method and accuracy in results. Illustrated lectures will frequently be given to make the path clear and the labor interesting and successful.

The College has complete facilities for obtaining a thorough elementary knowledge of these branches. The costly and splendid apparatus, kept up to the times by occasional additions, and the laboratories, abundantly provided with chemicals, make these studies unusually attractive and satisfactory.

CHEMISTRY.

Course I.—Inorganic Chemistry. Lectures, class work, laboratory practice. Mineralogy. *Throughout the year, three hours.*

Required in Sophomore year of all courses.

Course II.—Chemical Analysis and Assaying, Organic Chemistry. *Throughout the year, three hours.*

Required in Junior year of the Scientific course and elective in Junior year of the Latin and Modern Language course.

PHYSICS.

Course I.—Class work, illustrated lectures, experiments. Fall term, Mechanics; Winter term, Electricity; Spring term, Hydraulics, Heat, Light, and Sound. *Throughout the year, three hours.*

Required in Junior year of all courses.

Course II.—Advanced work in experimentation. All branches of the subject are closely studied by original problems and investigation. *Throughout the year, three hours.*

Required in Senior year of the Scientific course. Open only to those who have completed Calculus.

ASTRONOMY.

Course I.—Young's General Astronomy. Practice in the use of Astronomical instruments. Illustrated lectures. *Spring term, four hours.*

Required in Junior year of the Scientific course; elective in Junior year of the other courses.

GEOLOGY.

Class work is supplemented by lectures and work in an excellent museum and by frequent excursions to points of interest in the vicinity. As much field work is done as is possible in the time allotted to the subject.

Course I.—Dynamical Geology. *Winter term, three hours.*

Required in Senior year of all courses.

Course II.—Historical Geology. *Spring term, three hours.*

Required in Senior year of the Scientific course; elective in Senior year of the other courses.

ZOOLOGY.

Course I.—Fall term, Comparative Anatomy; Winter term, Classification. *Three hours.*

Required in Freshman year of all courses.

BOTANY.

Course I.—Class work, lectures. Collection and mounting of fifty specimens. *Spring term, four hours.*

Required in Freshman year of all courses.

BIOLOGY.

Course I.—Study of the lower forms of plant and animal life and of the cell structure of higher forms. Microscopy. Mounting specimens. *Throughout the year, three hours.*

Required in Sophomore year of the Scientific course.

GERMAN LANGUAGE AND LITERATURE.

In the study of German, no single method is pursued exclusively. The constant aim, however, is to learn the living language. Accordingly, conversational exercises are carried on once a week during the first two years and three times a week during the third year. Accurate grammatical knowledge is secured by prose composition exercises twice each week throughout the courses. In the last year extensive sight-reading of the classic authors is required outside of class, and summaries of these authors are read in German or English by the various students before the class. Thus by wide reading, as well as by constant conversation and writing, we would follow Bacon's method for making "a full man," "a ready man," and "a correct man."

The outlines of German literature are studied in the last year by dictated lessons, oral descriptions by the instructor, and by biographical readings in the larger encyclopaedias.

Course I.—Joynes-Meissner Grammar; short, easy stories for translation. *Throughout the year, four hours.*

Elective in Sophomore year of the Classical course and required in Freshman year of the other courses.

Course II.—Grammar work continued; Modern Prose Fiction, with one Classic Drama. *Throughout the year, four hours.*

Elective in Junior year of the Classical course and in Sophomore year of the Scientific course, and required in Sophomore year of the Latin and Modern Language course.

For Scientific students who elect Greek in the Sophomore year, Course II. may be taken in the Junior year.

Course III.—Harris's German Composition; Classic plays. Extensive readings on which is based conversation.

Throughout the year, four hours.

Elective in Junior year of the Scientific and the Latin and Modern Language courses.

FRENCH LANGUAGE AND LITERATURE.

The aims and methods of this department are essentially the same as for the department of German, as detailed above.

Course I.—Chardenal's French Course; easy prose translation. Super's French Reader, or an equivalent.

Throughout the year, five hours.

Course II.—Blouet's French Composition; wide reading of prose fiction, conversation. *Throughout the year, five hours.*

Courses I. and II. are elective in Sophomore and Junior years of the Classical course; and if not offered in preparation, are required in Freshman and Sophomore year of the other courses, in place of German I. and II.

HEBREW.

A year's work in Hebrew is open to candidates for the Christian Ministry. It is believed that the student thus taught in Hebrew, and familiar with the Greek Classics of the course, can easily fit himself by private study of the Greek Testament and additional work in Hebrew, to enter upon the second year in the Theological Seminary.

Course I.—Bissell's Hebrew Grammar, completed. Twelve or more chapters in Genesis read. *Throughout the year, four hours.*

Elective in Senior year of the Classical course.

MATHEMATICS.

Extended courses in pure and applied mathematics are offered, the work done being such as will be of the greatest value in mental discipline, and in the application of the subject to Science and Engineering.

Course I.—Algebra.—The Binomial Theorem, Variables and Limits, Series, Determinants, Theory of Equations, Logarithms.

Geometry.—Lines and Planes in Space, Polyhedrons, Cylinders and Cones, the Sphere, Conic Sections.

Fall term, four hours.

Trigonometry.—Functions of Acute Angles, the Right Triangle, Goniometry, the Oblique Triangle, the Right Spherical Triangle. *Winter term, four hours.*

Trigonometry, the Oblique Spherical Triangle, Applications of Spherical Trigonometry, Application of Trigonometry to Surveying, Instruments and their uses, Land Surveying and Plotting.

Spring term, four hours.

Required in Freshman year of all courses.

Course II.—Analytic Geometry.—Construction and Discussion of Equations, the Straight Line, Circle, Ellipse, Parabola, and Hyperbola, General Equation of the Conic Section.

Fall term, three hours.

Construction of Conics from their Equations, Tangents and Normals, Conics referred to Oblique Axes, Higher Plane Curves.

Differential Calculus.—Introductory Theorems, Differentiation of Explicit Functions, Transcendental Functions, Successive Differentiation, Development of Continuous Functions. *Winter term, three hours.*

Evoluation of Illusory Forms, Maxima and Minima, Functions of Two or more Variables.

Integral Calculus.—Type Forms, General Methods of Transformation, Successive Integration, The Constant of Integration, Geometrical Applications.

Spring term, three hours.

Required of Scientific Sophomores. Sophomore elective in other courses.

Course III.—An advanced course in Higher Mathematics, taking up such subjects as are agreed upon by the class and the instructor.

Throughout the year, two hours.

Elective in Junior year of the Scientific course.

GREEK LANGUAGE AND LITERATURE.

The aim is to acquire a living knowledge of the Greek language and a practical acquaintance with Greek life and thought. Facility in sight-reading as well as accurate familiarity with the laws of grammar is cultivated. Careful attention is given to the style of each author read and to the characteristic excellencies of each. At the proper stage in the work, some time is devoted to text-criticism.

The courses form an integral unit and cover work in all departments of the literature.

Elementary Course.—White's Beginner's Greek Book.

Throughout the year, five hours.

Elective for Scientific Sophomores who have not taken Greek in preparation. This course will be found valuable on account of its help in Scientific nomenclature.

Course I.—Homer.—*The Iliad.* Books I.–III. Homeric Forms and Syntax. Prosody. *Fall term, four hours.*

Selected Passages from the Iliad or the Odyssey read as literature. Sight Reading, The Homeric question, Homeric Manners and Customs.

Winter term, four hours.

Lysias.—*Selected Orations.* Attic Syntax, Prose Composition, Sight Reading. *Spring term, four hours.*

Required of Classical Freshmen.

Course II.—Plato.—*Apology and Crito* or *Phaedo*, Outline of Greek Philosophy. *Fall term, three hours.*

Sophocles.—*Oedipus Tyrannus* or *Antigone.* The origin and development of the Greek Drama.

Winter term, three hours.

Demosthenes.—*De Corona* or the *Olynthiacs* and *Philippics*; or **Aeschines:** *In Ctesiphontem.* The rise and development of Greek Oratory.

Spring term, three hours.

Throughout the year: Jebb's Greek Literature, with lectures and assigned readings. Special topics in Greek History, Reading at sight.

Required of Classical Sophomores.

Course III.—Thucydides.—*Selections.* The Greek Historians ; or **Plato.**—*Protagoras.* *Fall term, three hours.*

Greek Drama.—*Aeschylus' Prometheus Bound* and *Euripides' Medea.* Meters of Greek Drama, Literary Influences of Greek Drama. *Winter term, three hours.*

Aristophanes.—*The Clouds.* Greek Comedy. Athenian life and manners. *Spring term, three hours.*

Throughout the year: Lectures and readings on Greek Archaeology.

Elective for Classical Juniors.

LATIN LANGUAGE AND LITERATURE.

In the Freshman year, courses will be offered in Livy and Horace, supplemented by private readings in Cæsar and Vergil. Exercises in Latin composition based on the readings in Cæsar are given weekly throughout the year. Sight reading will also be a feature of the work. The chief aim during this year is to make strong the foundation work for the subsequent courses.

For the more advanced work of the Sophomores and Juniors, courses will be offered in Horace, Juvenal, Plautus, Terence, Cicero, and Pliny. In order to extend the acquaintance of the student with Latin literature, these courses are supplemented by certain prescribed readings in the same or other authors, which he will be expected to read by himself and in which he will be examined. The methods pursued with these courses are somewhat broader than in the preceding year. For instance, a day will be set aside for rapid reading of the author under consideration; another, for more critical reading; another, for exercises in interpretation by the aid of some of the leading editions and other authorities; another, for practical exercise in the grammar and syntax of the language; and still another for lectures on the literature, manuscripts, and style. Tests in prose composition will be set from time to time regularly throughout the whole course of the work. The methods adopted will conform to the varying needs of the different classes or of individuals. Students showing a special proclivity for the study will be encouraged to do special work according to progress or bent. The aim of the work will be to enable those who faithfully pursue the several courses to enter intelligently upon special work, should they desire to do so, in the leading post-graduate schools in this country or abroad.

The portions selected from the authors named may vary from year to year and different authors may be substituted at any point.

Course I.—*Class Work.*—Livy, Horace, Prose Composition, Sight Reading. *Private Reading* in Cæsar, Vergil and Ovid.

Fall and Winter terms, four hours. Spring term, three hours.

Required in Freshman year of all courses.

Course II.—*Class Work.*—Plautus, Terence, Cicero, Prose Composition, Sight Reading.

Private Reading in authors read in class and in Pliny.

Throughout the year, three hours.

Required in Sophomore year of the Classical and Latin and Modern Language courses.

Course III.—*Class Work.*—Special work in Latin Satire, History, or Epic. Lectures. Prose Composition, Practical Exercises in Grammar and Syntax.

Private Reading in cognate authors and departments.

Throughout the year, three hours.

Elective in Junior year of the Classical and the Latin and Modern Language courses.

HISTORY.

Courses are offered in History throughout the Junior and Senior years. The studies in mediaeval and modern history are preceded by a brief review of ancient history. The study is pursued with text books and informal lectures.

Course I.—Mediaeval Europe.—The Migrations, Germanic Institutions, the Papacy, the Holy Roman Empire, Charlemagne, Hildebrand, Feudalism. *Fall term, three hours.*

Required in Junior year of all courses.

Course II.—From the Crusades to the death of Elizabeth.

Winter term, three hours.

Elective in Junior year of all courses.

Course III.—Modern History.—From the Thirty Years' War to the Framing of the American Constitution.

Spring term, three hours.

Elective in Junior year of all courses.

Course IV.—English History.— *Fall term, two hours.*

Elective in Senior year of all courses.

Course V.—Political and Constitutional History of the United States.

Winter term, two hours.

Elective in Senior year of all courses.

Course VI.—Outline History of European Civilization.—From the Migrations to the Victorian age. *Spring term, two hours.*
Elective in Senior year of all courses.

POLITICAL SCIENCE AND ECONOMICS.

Course I.—The origin and development of society and government. Sociology. Rise of Representative Government. Political Ethics. Lieber's *Civil Liberty*. Wilson's *The State*. Readings and Lectures. *Throughout the year, three hours.*
Elective in Sophomore year of the Latin and Modern Language Course, and in the Junior year of the other courses.

Course II.—Political Economy.—Lectures and text book. Outlines of the Science of Economics. *Fall term, four hours.*
Required in Senior year of all courses.

Course III.—Practical applications of Economics to social problems. Lectures, discussions, and readings. *Winter term, three hours.*
Elective in Senior year of all courses.

Course IV.—Constitutional Law.—Cooley's text book. Lectures by the instructor and by eminent lawyers on special topics. *Fall term, two hours.*
Elective in Senior year of all courses.

Course V.—Municipal Law.—Lectures and readings. Investigation of special topics. *Winter term, two hours.*
Elective in Senior year of all courses.

Course VI.—International Law.—Lectures on the subject and its relation to current international questions. *Spring term, two hours.*
Elective in Senior year of all courses.

ENGLISH LANGUAGE AND LITERATURE.

The aim is to enable the student to acquire facility, correctness, and clearness in writing English. The courses in Rhetoric and Literature are correlated and are so conducted as to supplement one the other. Essays and extempore writing are required frequently. The work in Literature aims to develop careful study, as opposed to cursory reading, of the great masters of the language. The historical study of the literature is attended with wide reading and careful study of well chosen specimens of the best authors.

Course I.—Practical Rhetoric.—Discussion and Criticism of Essays prepared, Assigned readings in Literature.

Throughout the year, one hour.

Required of Freshmen in all courses.

Course II.—Rhetoric.—The Science of Discourse. The development of a good individual style Essays, Argumentation, Study of literary models, History of English Prose Literature, Genung's Practical Rhetoric and Minto's Manual of English Prose, Assigned readings. *Throughout the year, three hours.*

Required of Sophomores in all courses.

Course III.—Chaucer and Early English.

Fall term, three hours.

Shakespeare.—Critical study of one or two plays and analysis of others. Literary, historical, and philological study of the English Drama.

Winter term, three hours.

English Philology.—The origin and development of the English language. Historical Grammar, English Syntax, and Accidence. *Spring term, three hours.*

Elective in Junior year of all courses.

Course IV.—Lectures on English Literature.—Critical rather than historical treatment of great writers.

Fall and Winter terms, two hours.

Elective in Senior year of the Scientific Course and required in Senior year of the other courses.

Course V.—Science of Criticism.—Lectures on Aesthetics.

Spring term, two hours.

Elective in Senior year of all courses.

Course VI.—Science of Language.—The origin and development of language. Outlines of Comparative Philology.

Spring term, two hours.

Elective in Senior year of the Classical and Latin and Modern Language courses.

ENGLISH BIBLE.

Two courses are offered in the study of the English Bible. The importance of these courses can hardly be overestimated. The English Bible ought to be recognized as a necessary study in the Christian college.

Course I.—The origin and history of the Bible and its literary characteristics. *Winter term, two hours.*

Elective in Senior year of all courses.

Course II.—Study in the books of the Bible.

Spring term, two hours.

Elective in Senior year of all courses.

EXPRESSION AND ORATORY.

The work in this department aims to cover the essential principles of expression with their application, not only to public speaking, but also to every day conversation. The object is to teach plain, simple reading; properly adjusting vowels and consonants, in order to bring out the melody in our language, which is too often lost sight of in careless methods of speech. As many voices differ in physical structure, it has been found best to adapt the work to individual needs, each member of the class receiving special attention in correction of mannerisms and defects. Individuality is considered of the first importance, and the training is not only for a better expression of the thoughts of others, but to help the student to a clearer interpretation of his own impressions. The less technique employed to gain the ability to read intelligently, the better.

Course I. provides a remedy for self-consciousness and exhaustion in speaking, thus leading the student to comprehend the true value of expression in a liberal education.

Course I.—Fall Term.—Vocal Physiology. Breath control. Tone production and voice placing. Thorough drill in elementary sounds. Proper adjustment of vowels and consonants. Easy and distinct articulation. Talks on expression by instructor. Exercises to improve physical powers of expression. Essays on subject required. Special attention to mannerisms and vocal defects.

Winter Term.—Simple descriptive reading, colloquial style, Dickens, Hawthorne, etc. Natural modes of emphasis, inflection, quality, pause, time, etc. Melody in speech. Recitations with individual criticisms. Sight reading. Cultivation of imagination in rendition.

Spring Term.—Reading of more difficult prose and poetry. Analysis. Vocal culture with special reference to the conversational voice. Theory of motion.

Throughout the year, two hours.

Required in Junior year of all courses.

Course II.—Fall Term.—Work in analysis continued. Reading Shakespeare, Milton, Hugo, etc., with study of rendering. Lectures on Motion. Application of principles. Philosophy of expression as developed by Delsarte.

Winter Term.—Orators, ancient and modern compared. Orations required. Personality in delivery. Extemporaneous speaking. Bible and hymn reading.

Spring Term.—Expression and Literature. Co-operation of the agents of expression; voice culture; pantomimic expression as a means of interpreting thought and feeling as presented in literature.

Throughout the year, one hour.

Elective in Senior year of all courses.

MILITARY SCIENCE AND TACTICS.

All male students below the Junior Class are required to attend Military Instruction, unless excused by the Faculty of the College at the request of parents or guardians, or, if of age, at their own request. All requests for excuse should be submitted in writing to the Faculty, and should state the reason for making the request. Students who are excused from military instruction are required to take the same amount of work in some other department.

Practical Instruction.—The practical instruction in this department consists of drills of three hours in each week. The cadets are exercised and instructed during the year in the Infantry Tactics of the U. S. Army, comprising the School of the Soldier, the School of the Company, and the School of the Battalion; and in all ceremonies, forms, parades, and reviews and honors to be paid by troops. Instruction in Artillery is given in the School of the Soldier Dismounted, Manual of Piece, Mechanical Manoeuvers, and the School of the Battery Dismounted. Breech-loading cadet rifles and accoutrements, and 3-inch wrought iron rifles, with all the necessary ammunition, are supplied by the Ordnance Department, U. S. Army. Instruction is also given in fencing, target practice, and the duties of guards and sentinels. The

drills take place in the latter part of the afternoon, after the close of recitations, and should not interfere in the least with the study hours of the student.

Theoretical Instruction.—The course of theoretical instruction by recitation covers about the same ground as the practical instruction. For the first year, students are required to attend the practical instruction and lectures only. After one year's practical work, they are expected to attend two recitations per week in Infantry Tactics. In addition to the recitations, lectures on military subjects are given. The course of lectures includes the most important subjects of the Art and Science of War, Ordnance and Gunnery, and Field Fortifications.

Uniform, Etc.—All cadets are required to be provided with a uniform, of the pattern prescribed by the Faculty of the College, which will be worn on all drills, parades, etc., and at all practical military instruction. This uniform, which costs about $25.00 complete, need not be considered an extra expense, as the student must be clothed anyway, and not being striking in appearance, it can be worn upon all occasions, and is habitually worn by a great many cadets. It is of good, serviceable cloth, and as a rule will wear much better than an ordinary business suit of the same price. To secure uniformity, it should be procured in Meadville.

A certain part of each day should be given up to physical exercise, and it is thought that military drill furnishes one of the most valuable means of exercise and at the same time gives a young man a tendency to hold himself in an erect, manly way, and teaches him habits of neatness, punctuality, obedience, self-control, and respect for superiors, which cannot be acquired with such facility by any other means. It teaches *manliness* when a young man most needs such teaching. At the same time the student is acquiring a valuable knowledge of military matters which may or may not be of use to him. Quite a number of graduates of this college are giving military instruction in other institutions, and in some cases the want of it has cost graduates good positions.

By the laws of Pennsylvania, a graduate who has taken military instructions for four years, and has held the rank of Cadet Captain for six months at a college to which an officer is detailed by the War Department of the Government, will, upon application, be appointed Brevet Second Lieutenant in the National Guard of the State.

The names of three graduates of the college most distinguished in Military Science and Tactics each year are published in the Official Register of the U. S. Army, and in General Orders of the Army. Such graduates would have a good basis for application for civil appointments as officers in the U. S. Army.

The military knowledge acquired can never come amiss, and in case of the United States being engaged in war, the advantages which would accrue from it would be incalculable. In taking military instruction the student assumes no legal obligations for military service thereafter.

The attention of parents and guardians is called to the value of this Department. While its first object is to instruct the student in the fundamental principles of Military Art, it also gives a mental and physical training which would strongly recommend its advantages to those responsible for the education of young men.

PHYSICAL TRAINING.

For Young Men.—The college is using a rented gymnasium, thoroughly equipped with necessary apparatus, bath rooms, and lockers. Regular class work is given under charge of a competent instructor provided by the college. It is recognized that the student needs systematic bodily culture under guidance, and the aim is to secure thorough, healthful, and regular physical exercise rather than special training for athletic contests. All students are urged to take advantage of this instruction.

For Young Women.—This subject is considered of the first importance, and every thing is done to promote and to maintain the health of young women.

There is an abundance of time for out-door exercise, but during those seasons of the year when this seems impracticable, two lessons a week are given in physical training. It is urgently recommended that the lesson be supplemented with practice on intervening days.

No apparatus is used. The health exercises consist mostly of breathing, relaxing, stretching, and free gymnastics. No special system is employed, but the most helpful exercises are selected from different ones, and applied to suit individual needs. Those taken from Delsarte's System of Oratory, combined with excellent movements from Ling, have brought the most gratifying results; and nearly every year the report comes to us, "Without the Health Exercises I am convinced I could not have finished my college course."

This is largely due to the fact that the student is taught *how to rest*, as a preparation for learning *how to exercise*. The nerve training is most beneficial, as it guards against the too frequent error of gaining muscular development at the expense of nervous force. Believing that a well poised and well controlled body must have a reflex influence on the mind, the object in this course is to supplement mental training with physical training, thus sending out at graduation vigorous, graceful, and true women.

All ladies living in Hulings Hall are required to take the course, unless presenting a certificate from a physician. Those living in the town may avail themselves of the privilege.

LECTURES.

In addition to the regular work of the departments, special lectures are given during the year by members of the faculty on a variety of subjects related to the work of higher education. Many of these lectures are illustrated with fine stereopticon views, and hence are entertaining as well as profitable.

During the past year courses of lectures have also been given by men outside the faculty. These courses have been of real service in the work of the college. They have been supplementary to the regular department work as done by the professors. The following is a list of the special lectures for 1893–4, with their subjects.

Rev. Frank Russell, D. D.

The Unreached Masses.

Hon. J. J. Henderson, LL. D.

The Judicial Department of the Federal Government and Its Relations to the Judicial Departments of the States.

Mr. Ned Arden Flood, A. B.

A Course of Lectures on **Present Economic Problems.**

I.—*Causes for the Existence of Present Economic Problems.* The Conditions of Modern Industrial Society. The Improved Conditions of Nineteenth Century Civilization. Economic Science and Present Day Problems.

II.—*Monopolies.* The Definition and Classification of Monopolies. Influence of the Growth of Natural Monopolies. Natural Monopolies and the State.

III.—*The Organization of Labor.* The History and Present Condition of Labor Organizations. Hinderances to the Growth of Labor Organizations. Characteristics of Labor Organizations. Relations of Capital and Organized Labor. Organized Labor and the Law. Organized Labor and the Solution of the Labor Problem.

IV.—*Historic Socialism.* The Period of French Influence. Early English Socialism. The Period of German Influence.

V.—*Present Day Socialism.* Socialism Distinguished from Anarchism and Communism. Forms of Present Day Socialism. The Strength and Weakness of Socialism.

Rev. Frank M. Bristol, D. D.

A Course of Lectures on **Providential Epochs in History.**

I.—*The Renaissance.*

II.—*Columbus and the Discovery of America.*

III.—*The Reformation.*

IV.—*The Settlement of America.*

Rev. W. F. Oldham, D. D.

A Course of Three Lectures on **Missions,** with special reference to *India.*

Similar courses of lectures are being provided for the scholastic year 1894–5, and will be announced later. All these courses, though provided primarily for the benefit of the college students, are free to the public.

SCHEDULE OF COURSES.

In the following courses at least one hundred eighty term hours must be completed for graduation. Forty-eight of these are required work in the Freshman year; not less than forty-five or more than fifty-one may be taken in the Sophomore year; not less than forty-two or more than forty-eight may be taken in the Junior year; and forty-two are to be taken in the Senior year. It will be noticed that if the minimum of work be taken in the Sophomore year, more than the minimum will be needed in the Junior year to complete the one hundred eighty term hours required for graduation. By "term hour" is meant one hour a week for one term.

Studies not marked elective are required. From the electives the student will select enough to amount to not less than the minimum or more than the maximum requirements of each term. All elections are subject to the approval of the faculty.

In the tables Arabic numerals denote the number of hours per week. Roman numerals refer to courses as detailed under Departments of Instruction.

FRESHMAN YEAR.

All studies required.

	Classical	Scientific	Latin and Modern Languages
Fall Term.	Latin I. 4. Greek I. 4. Mathematics I. 4. Zoology I. 3. English I. 1. Military Drill.	Latin I. 4 German I. 4. Mathematics I. 4. Zoology I. 3. English I. 1. Military Drill.	Latin I. 4. German I. 4. Mathematics I. 4. Zoology I. 3. English I. 1. Military Drill.
Winter Term.	Latin I. 4. Greek I. 4. Mathematics I. 4. Zoology I. 3. English I. 1. Military Drill.	Latin I. 4. German I. 4. Mathematics 1. 4. Zoology I. 3. English I. 1. Military Drill.	Latin I. 4. German I. 4. Mathematics I. 4. Zoology I. 3. English I. 1. Military Drill.
Spring Term.	Latin I. 3. Greek I. 4. Mathematics I 4. Botany I. 4. English I. 1. Military Drill.	Latin I. 3. German I. 4. Mathematics I. 4. Botany I. 4. English I. 1. Military Drill.	Latin I. 3. German I. 4. Mathematics I. 4. Botany I. 4. English I. 1. Military Drill.

SOPHOMORE YEAR.

The student must elect enough to make not less than fifteen or more than seventeen hours a week.

	Classical	Scientific	Latin and Modern Languages
Fall Term.	Latin II. 3. Greek II. 3. Chemistry I. 3. English II. 3. Military Drill. *Elective.* German I. 4. French I. 5. Mathematics II. 3.	Mathematics II. 3. Chemistry I. 3. Biology I. 3. English II. 3. Military Drill. *Elective.* Elementary Greek 5. German II. 4.	Latin II. 3. German II. 4. Chemistry I. 3. English II. 3. Military Drill. *Elective.* Mathematics II. 3. Political Science I. 3.
Winter Term.	Latin II. 3. Greek II. 3. Chemistry I. 3. English II. 3. Military Drill. *Elective.* German I. 4. French I. 5. Mathematics II. 3.	Mathematics II. 3. Chemistry I. 3. Biology I. 3. English II. 3. Military Drill. *Elective.* Elementary Greek 5. German II. 4.	Latin II. 3. German II. 4. Chemistry I. 3. English II. 3. Military Drill. *Elective.* Mathematics II. 3. Political Science I. 3.
Spring Term.	Latin II. 3. Greek II. 3. Chemistry I. 3. English II. 3. Military Drill. *Elective.* German I. 4. French I. 5. Mathematics II. 3.	Mathematics II. 3. Chemistry I. 3. Biology I. 3. English II. 3. Military Drill. *Elective.* Elementary Greek 5. German II. 4.	Latin II 3. German II. 4. Chemistry I. 3. English II. 3. Military Drill. *Elective.* Mathematics II. 3. Political Science I. 3.

JUNIOR YEAR.

The student must elect enough to make not less than fourteen or more than sixteen hours a week.

	Classical	Scientific	Latin and Modern Languages
Fall Term.	Physics I. 3. History I. 3. Elocution I. 2. *Elective.* Latin III. 3. Greek III. 3. German II. 4. French II. 5. English III. 3. Political Science I. 3.	Physics I. 3. Chemistry II. 3. History I. 3. Elocution I. 2. *Elective.* German III. 4. Mathematics III. 2. English III. 3. Political Science I. 3.	Physics I. 3. History I. 3. Elocution I. 2. *Elective.* Latin III. 3. German III. 4. Chemistry II. 3. English III. 3.
Winter Term.	Physics I. 3. History II. 3. Elocution I. 2. *Elective.* Latin III. 3. Greek III. 3. German II. 4. French II. 5. English III. 3. Political Science I. 3.	Physics I. 3. Chemistry II. 3. Elocution I. 2. *Elective.* German III. 4. Mathematics III. 2. English III. 3. History II. 3. Political Science I. 3.	Physics I. 3 History II. 3. Elocution I. 2. *Elective.* Latin III. 3. German III. 4. Chemistry II. 3. English III. 3.
Spring Term.	Physics I. 3. Logic I. 3 Elocution I. 2. *Elective.* Latin III. 3. Greek III. 3. German II. 4. French II. 5. Astronomy I. 4. English III. 3. Political Science I. 3. History III. 3.	Physics I. 3. Chemistry II. 3. Astronomy I. 4. Elocution I. 2. *Elective.* German III. 4. Mathematics III. 2. English III. 3. History III. 3. Logic I. 3. Political Science I. 3.	Physics I. 3. Logic I. 3. Elocution I. 2. *Elective.* Latin III. 3. German III. 4. Chemistry II. 3. Astronomy I. 4. English III. 3. History III. 3.

SENIOR YEAR.

The student must elect enough to make fourteen hours a week.

	Classical	Scientific	Latin and Modern Languages
Fall Term.	English IV. 2. Metaphysics II. 4. Political Science II. 4. *Elective.* Hebrew I. 4. History IV. 2. Constitutional Law IV. 2. Elocution II. 1.	Physics II. 2. Metaphysics II. 4. Political Science II. 4. *Elective.* English IV. 2. History IV. 2. Constitutional Law IV. 2. Elocution II. 1.	English IV. 2. Metaphysics II. 4. Political Science II. 4. *Elective.* History IV. 2. Constitutional Law IV. 2. Elocution II. 1.
Winter Term.	Geology I. 3. English IV. 2. Evidences of Christianity V. 3. *Elective.* Hebrew I. 4. History V. 2. English Bible I. 2. History of Philosophy III. 3. Municipal Law V. 2. Political Science III. 3. Elocution II. 1.	Physics II. 2. Geology I. 3. Evidences of Christianity V. 3. *Elective.* English IV. 2. History V. 2. English Bible I. 2. History of Philosophy III. 3. Municipal Law V. 2. Political Science III. 3. Elocution II. 1.	Geology I. 3. English IV. 2. Evidences of Christianity V. 3. *Elective.* History V. 2. English Bible I. 2. History of Philosophy III. 3. Municipal Law V. 2. Political Science III. 3. Elocution II. 1.
Spring Term.	Ethics IV. 3. *Elective.* Hebrew I. 4. Geology II. 3. Criticism V. 2. History VI. 2. English Bible II. 2. International Law VI. 2. Science of Language VI. 2. Elocution II. 1.	Physics II. 2. Geology II. 3. Ethics IV. 3. *Elective.* Criticism V. 2. History VI. 2. English Bible II. 2. International Law VI. 2. Elocution II. 1.	Ethics IV. 3. *Elective.* Geology II. 3. Criticism V. 2. History VI. 2. English Bible II. 2. International Law VI. 2. Science of Language VI. 2. Elocution II. 1.

ENGINEERING DEPARTMENT.

The object of this course—which is not parallel to the literary courses—is to fit young men for civil and mechanical engineering, and to furnish a sound business education. It is well known that the demand for engineers is much greater than the supply. Our graduates have hitherto secured employment immediately after graduation, and, although this department is only eight years old, some of its graduates have already advanced to honorable and profitable positions. The course is thoroughly practical and adapted not only to those who intend to practice engineering as a profession, but also to the wants of a class of students having only a common school education and desiring to fit themselves as soon as possible for some of the numerous new pursuits opened by modern invention and science.

PREPARATION.

The subjects required for admission to this department are:

Arithmetic, Algebra, Geometry, Descriptive and Physical Geography, Natural Philosophy, Physiology, English Grammar, United States History, Civil Government, and Elementary Rhetoric. The nature and amount of the required work in these subjects is the same as for the regular courses, and will be found detailed on page 15.

SCIENCE.

The courses are the same as in the regular Scientific course. The detailed work is fully described on page 18.

MATHEMATICS.

The courses are the same as in the regular Scientific course as detailed on page 21.

ENGINEERING.

Work in drawing and allied subjects is required for three years, beginning with Freehand Drawing and being completed in Architectural Drawing and Stereotomy. Study of Structures, Drafting, extended work in Surveying and Plotting, and all practical engineering subjects are closely studied. All necessary instruments are provided and the student is thoroughly drilled in their use. This branch of the subject is made eminently practical in every particular.

GERMAN AND FRENCH.

Two years work in one of these languages must be elected in the Freshman and Sophomore years. For detailed statement see page 20.

ELECTIVE WORK.

In the Junior and Senior years, in addition to the required technical subjects, the students will elect work from the courses offered in English, History, Political Science, Philosophy, and other subjects. No subject can be elected, however, for which the student has not had satisfactory preparation.

The accompanying table exhibits the work of the department. The Roman numerals refer to courses of instruction as detailed on pages 17–33; the Arabic numerals refer to the number of hour recitations a week. The work through the first two years is all required, an option being given between German and French. In the Junior and Senior years the student will elect enough work to make a total of not less than fourteen hours a week.

DEGREE.

On completion of the course the degree of Civil Engineer is conferred.

CIVIL ENGINEERING COURSE.

	Freshman	Sophomore	Junior	Senior
Fall Term.	Freehand Drawing. 4. Mathematics I. 4. Zoology I. 3. French I. 5; or German I. 4. Military Drill.	Drawing. 1. Mathematics II. 3. Descriptive Geometry. 4. Chemistry I. 3. French II. 5; or German II. 4. Military Drill.	Topographical Drawing. 3. Physics I. 3. Chemistry II. 3. *Elective.* English II. 3. Mathematics III. 2. Biology I. 3. History I. 3. Political Science I. 3.	Railroad Engineering. 4. Physics II. 3. *Elective.* English IV. 2. History IV. 2. Political Science II. 4. Metaphysics II. 4. Constitutional Law IV. 2. Evidences of Christianity V. 3.
Winter Term.	Mechanical Drawing. 4. Mathematics I. 4. Zoology I. 3. French I. 5; or German I. 4. Military Drill.	Shades and Shadows. } Perspective Drawing. } 4. Mathematics II. 3. Chemistry I. 3. French II. 5; or German II. 4. Military Drill.	Architectural Drawing. 2. Roads, Streets, and Pavements. 2. Physics I. 3. Chemistry II. 3. *Elective.* English II. 3. Mathematics III. 2. Biology I. 3. History II. 3. Political Science I. 3.	Bridges and Roofs. 4. Physics II. 3. Geology I. 3. *Elective.* English IV. 2. History V. 2. Political Science III. 3. History of Philosophy III. 3. Municipal Law V. 2. English Bible I. 2.
Spring Term.	Descriptive Geometry. 3. Mathematics I. 4. Botany I. 4. French I. 5; or German I. 4. Military Drill.	Machine Drawing. 5. Mathematics II. 3. Chemistry I. 3. French II. 5; or German II. 4. Military Drill.	Civil Engineering. 4. Physics I. 3. Chemistry II. 3. *Elective.* English II. 3. Mathematics III. 2. Biology I. 3. History III. 3. Political Science I. 3.	Stereotomy. 2. Physics II. 2. Geology II. 3. Astronomy I. 4. *Elective.* Criticism V. 2. History VI. 2. International Law VI. 2. English Bible II. 2. Thesis on some Professional Topic.

PREPARATORY DEPARTMENT.

GENERAL STATEMENT.

In response to a demand for a thorough course of study adapted to the preparation of pupils for entrance to college without loss of time, the Trustees in 1876 established the Preparatory School. The school is under the general supervision of the President and Faculty of the College, and the students are subject to the same regulations as college students.

Students who are nearly ready to enter college, prepared in some studies and behind in others, will usually gain time by availing themselves of the privilege of pursuing some studies in the Preparatory Department and some in the College. A whole year is often saved in this way.

ADMISSION.

For entrance to the Preparatory Department, students should have a thorough knowledge of Spelling, Descriptive Geography, Arithmetic, and the elements of English Grammar. Candidates for higher standing will be examined in the subjects pursued by the class to which they desire admission.

All students should bring certificates of good character from pastor or teacher, and present the same to the Principal. Certificates of studies pursued will be accepted from approved schools. No certificates will be accepted which are not made out on special blanks, which will be furnished on application.

REPORTS.

At the middle and end of each term, parents and guardians are furnished with statements of the conduct and class standing of pupils in this department.

COURSE OF STUDY.

NOTE.—Classical students will take Greek; Latin and Modern Language students will take French, and Scientific students will take either Greek or French. In the Latin and Modern Language Course, an equivalent amount of Music, certified to by the Director of the Conservatory, will be accepted in place of French. Sixteen hours a week are required.

	First Year	Second Year	Third Year
Fall Term.	Latin I. 5. Physiology. 4. U. S. History. 4. Civil Government. 3.	Latin IV. 5 English II. 1. Algebra I. 5. *Elective.* Greek I. 5. German I. 5. French I. 5.	Latin VII. 5. English V. 1. Algebra III. 5. *Elective.* Greek IV. 5. German IV. 5. French IV. 5.
Winter Term.	Latin II. 5. Elementary Rhetoric. 4. Physical Geography. 3. Ancient History. 4.	Latin V. 5. English III. 1. Algebra II. 5. *Elective.* Greek II. 5. German II. 5. French II. 5.	Latin VIII. 5. English VI. 1. Geometry I. 5. *Elective.* Greek V. 5. German V. 5. French V. 5.
Spring Term.	Latin III. 5. Elementary English Literature. 5. English I. 1. Ancient History. 5.	Latin VI. 5. English IV. 1. Natural Philosophy. 5. *Elective.* Greek III. 5. German III. 5. French III. 5.	Latin IX. 5. English VII. 1. Geometry II. 5. *Elective.* Greek VI. 5. German VI. 5. French VI. 5.

DESCRIPTION OF THE WORK.

The following is an outline of the various branches of study.

LATIN.

I.-II.—First Latin Book, *Tuell and Fowler.*

III.—Prose Composition, *Daniell.*

IV.—Cæsar, *Kelsey*, with Grammar, *Allen and Greenough.* Latin Prose.

V.—Sallust's Catilina, *Herberman.*

VI.—Cicero, Orations I. and II. against Catiline, *Kelsey.* Latin Prose.

VII.—Cicero, Orations III. and IV. against Catiline, Oration for Archias, Selected Letters.

VIII.—Vergil, Aeneid, Books I. and II., *Greenough.* Prosody. Mythology.

IX.—Vergil, Books III.–VI. Mythology.

GREEK.

I.-II.—Beginner's Greek Book, *White.* Special attention given to translation from English into Greek.

III.—Beginner's Greek Book, Xenophon, Anabasis begun, *Kelsey.*

IV., V.—Xenophon, Anabasis, Books I.–IV.

VI.—Xenophon, Anabasis, Books V.–VII.

ENGLISH.

Elements of Rhetoric and Composition, *Genung.* English Literature, *Kellogg.* Critical readings from Shakespeare, Bacon, Milton, Goldsmith, Bryon, Dickens, George Eliot, Macaulay, Tennyson, Irving, and Longfellow.

I.-VII.—Special work in composition based on readings from standard authors throughout the second and third years, one hour per week.

GERMAN.

I.-III.—Grammar, *Joynes-Meissner;* short, easy stories for translation.

IV.-VI.—Grammar work continued; Modern Prose Fiction, with one Classic Drama.

FRENCH.

I.-III.—French Course, *Chardenal;* easy prose translation. French Reader, *Super*, or an equivalent.

IV.-VI.—Composition, *Blouet;* wide reading of prose fiction, conversation.

MATHEMATICS.

I.-III.—Algebra. Through Quadratics, *Wentworth's Complete.*

I.-II.—Geometry, Plane and Solid, *Wentworth.*

SCIENCE.

Physiology, *Walker*. Natural Philosophy with laboratory experiments, *Gage*. Physical Geography, *Eclectic*.

HISTORY.

United States History, *Johnston*. Civil Government, *Macy's "Our Government."* History of the Eastern Nations and Greece, *Myers*. Shorter History of the Roman People, *Allen*.

OTHER PREPARATORY SCHOOLS.

The following are regular preparatory schools for this college, and students holding certificates from them are admitted without examination.

PITTSBURG CONFERENCE SEMINARY,
BEAVER COLLEGE, BEAVER, PA.,
W. J. ALEXANDER, A. M., PRINCIPAL.

ERIE CONFERENCE SEMINARY,
CHAMBERLAIN INSTITUTE, RANDOLPH, N. Y.,
REV. E. A. BISHOP, A. M., PRINCIPAL.

GENERAL INFORMATION.

EXPENSES.

All students pay an incidental fee of $12 a term, and will not be enrolled in classes without the Treasurer's receipt.

In the Laboratory each student in Chemistry, Course I., pays $1.00 a term for use of chemicals and apparatus, and in Course II., $2.50.

The College does not board young men, but the Faculty will render all possible aid to students in securing comfortable homes. New students are advised to consult the President before engaging rooms.

One of the curiosities of the correspondence of a college is that its intending patrons almost invariably ask to be informed about the rates for tuition, but very seldom ask the cost of living. The tuition is never more than one-third of the necessary expenses of a student, and the cost of living is the large and important item. Not satisfied with reducing the College charges to less than one-third of the usual rates in colleges of the first rank, the authorities of Allegheny College have endeavored to effect a large reduction in the cost of living. At one time—in the days of the "oil speculation"—this reduction had to be secured by providing a large dormitory building. When East Hall burned down in 1883, the speculative era had passed, and it was found that there was plenty of room for young men, at moderate cost, in private families where they have the influence of a home life. Good furnished rooms cost each occupant about sixty cents a week, and the rooms are taken care of by the owners and not by the students. On these terms the city has rooms for at least five hundred students. It would not be possible for the College to do better than this for its students; and

experience proves that herding young men in barracks is not the best way to secure their moral culture.

The young men of the College may board in clubs or in private families; the latter costing about one-third more than the former. A club is simply an arrangement to divide the cost of table board among the boarders. It is a boarding house conducted on the co-operative principle. Provisions are bought at a discount, and expense is saved by increasing the number of boarders. The club is managed by a commissary, who receives and pays the money, makes all purchases, and employs the help. For this service he receive a small weekly payment from each member of the club. The commissary is always a student, and several students work their way through college as commissaries. The cost of good table board is in this way reduced to from $2.00 to $2.50 per week. The estimate for the necessary expenses of a student of either sex is based upon good club board and is as follows for a term of twelve weeks:

Room Rent, Fuel, and Lights, from.....	$12.00 to	$18.00
Table Board, "	24.00 to	30.00
Books, "	2.00 to	5.00
Term Fee, "	12.00 to	12.00
Total.....	$50.00	$65.00

To this must be added personal laundry and a small annual expense in the literary society to which the student belongs. Fifty-five dollars per term is believed to be sufficient to cover the necessary expenses. The unnecessary expenses for sweetmeats, oyster suppers, concerts, etc., may be indefinitely greater. But an economical student can live on $55 a term and suffer no social disparagement; indeed, several students have during the last year spent only $50 a term and yet lived comfortably. The only caste in the college is based on good conduct and good work. The cost of books varies in different terms; but the average cost per year will not exceed $10.

CLUB RULES.—The club commissaries of the college have agreed upon the following rules:

1. Every member of the club must deposit $10 when he enters the club, and at the opening of every term.

2. Each member must also pay at the end of the first and second months of each term the full amount of his share of the expenses for each month.

3. The deposit of $10 will be applied as far as may be needed to the expenses of the third month of the term.

These regulations are necessary to enable the commissaries to buy advatageously for cash, and to relieve members of all risks from bad debts. There are no profits; therefore there can be no losses. A student dismissed from one club for slackness in meeting his obligations will not be admitted to any other. The club system is worth at least forty dollars a year to each student. It is therefore to the interest of all to support the system by prompt payment.

EXPENSES OF YOUNG WOMEN.—The expenses of young women are about the same as those of young men. They pay in Hulings Hall for furnished rooms, heat, and light, about the same rate as young men pay in private houses. Each should bring with her the following articles: Sheets, pillow cases, and bed covering; towels, napkins, knife, fork, and spoons. The rooms are furnished with beds, mattresses, pillows, chairs, and tables.

The Hall is in charge of a Preceptress, under the direction of the Faculty. The building is kept in good condition. Everything is done to secure the most perfect sanitary conditions possible. The young ladies pay room rent at the beginning of each term, at the following rates: In the main corridors: If two occupy a room, each will pay $8 a term on the second floor; if one has a room exclusively, she will pay $12 a term. In the rear corridors: Two in a room, each will pay $5 a term; if one has a room exclusively, she will pay $8 a term. On the third

floor each student will pay one dollar less than on lower floors. Permission to occupy rooms exclusively will be granted by the Preceptress when the number of furnished rooms is sufficient.

The total expenses for room, heat, light, and board will vary from $3.50 to $4.50 a week, depending largely on the location of the room and whether the student occupies a room alone.

Young women not living at home or with relatives must live in Hulings Hall. Applicants for admission to the Hall are reminded that the purpose of residence there is not social but educational. They are supposed to be not children, but young women with fixed principles and elevated aims. The regulations are not artificial or arbitrary, but such as are considered essential to the ends for which the Hall is maintained. All proper freedom is accorded the residents, but the authorities of the College reserve the right to decide what "proper freedom" is. The idea of the Hall is a Christian educational home.

SELF HELP.

Young men help themselves in several ways. About twenty of the present students are paying their expenses in whole or in part. There are ten or twelve employed in light work connected with the College or the boarding clubs. Others are serving churches in the neighborhood of Meadville. It is the policy of the College to help students to help themselves, and at the same time to keep the expenses as low as is consistent with comfort and health. As a rule, a student should have at least $100 in hand, or in prospect, when he enters; if he has pluck, health, and studious habits, he will usually be able to go through College.

THE MISS LINDLEY ENDOWMENT.

By the will of the late Miss Lucy Lindley, of Meadville, the College received the sum of ten thousand dollars, the

interest of which is devoted to paying the term fees of students dependent upon their own efforts to obtain an education. Applications for aid from this fund should be made to the President. It should be understood, however, that only a few students can be aided in this way.

CANDIDATES FOR THE MINISTRY.

The College has educated a large number of ministers, and more than twenty candidates for the ministry are now in its classes. Arrangements are made to give such students as much of a special education as is consistent with the obtaining of a general education. After a solid foundation of disciplinary study has been laid, special study can be made useful; without the foundation the house will be built in vain. Some of the candidates for the ministry are employed in the pulpits of the adjacent country, and are supported by the churches in whole or part, while pursuing their studies. To a limited extent, the President is able to make loans without interest to promising candidates for the ministry. Loans have been made this way to about twenty students the present year. It is believed that a mature young man can safely and prudently contract a small debt to complete his education. But it is of the first importance that the candidates for the Christian ministry receiving such loans should regard them as debts of honor and conscience. The College does not desire, by means of such loans, to impair the financial integrity of Christian ministers. On the other hand, a candidate for the ministry need have no hesitation about doing business on a business footing with the loan fund societies. In no case, however, will more than one-half of a young minister's annual expenses be loaned to him.

RELIGIOUS CULTURE.

The College was founded by Christian men for the promotion of Christian culture. It believes that education should always include, as its highest aim, the development of Christian character. It seeks to surround the student

with such influences and helps as foster the religious life. Chapel services are held mornings in Ruter Hall, and all students are required to be present. Regular attendance on Sunday mornings at some church, selected by the student or his parents, is also required. A regular prayer meeting is held Wednesday evening of each week, lasting from 7 to 8 o'clock. Its results are manifest in the quickening and strengthening of many in the religious life. Prayer meetings, under the care of the Young Men's Christian Association, of the College, are held on Saturday evening of each week, in its rooms in Bentley Hall. On Sunday evening the Young Women's Christian Association holds its regular meeting in the parlors of Hulings Hall. The students' Christian Associations also conduct religious services weekly in several places in the city and surrounding region. In this way the students are brought into religious association and become interested in one another's religious welfare.

The religious influence of the College is not in any sense sectarian, but Christian. On the roster this year are representatives from fourteen Christian denominations.

The aim is to make the moral and religious life of the College such that the student will be under as helpful influences here in Meadville as he would be in his own Christian home.

THE WEEKLY HOLIDAY.

The sessions of the College are held on Tuesdays, Wednesdays, Thursdays, Fridays, and Saturdays, leaving Monday instead of Saturday for rest. This plan has been in use for the past nine years, and is greatly preferred by teachers and students. It is adapted to the wants of students in towns adjacent to Meadville—within forty or fifty miles—who desire to spend Sunday at home. The railroads furnish mileage tickets at reduced rates, and the clubs make a deduction for absence from the boarding tables. The cost of spending Sunday at home is in this way made

small. This plan is commended to the attention of parents who may be so situated as to be able to avail themselves of its obvious advantages.

LITERARY SOCIETIES.

There are three Literary Societies: The Allegheny, Philo-Franklin, and Ossoli (the ladies' society). The Societies have their respective halls and libraries. The libraries contain about 3,000 volumes. The societies hold public literary exercises and prize contests in the Chapel. These Societies render the college efficient service in the literary and forensic training of students, and the society friendships are invaluable to the members. The regular meetings are held on Friday evenings.

IMPORTANT REGULATIONS.

Excuses for Absence.—The President does not excuse any student from college duties. When it is necessary he will grant leave of absence, but the student must also obtain the assent of his instructors.

When special requests are made to the President they are understood to be made to the Faculty; and the proper form of such requests is a written application for the desired excuse or favor, and this written request should set forth plainly the reasons for it.

Examinations.—There will be three examinations of classes during the year. The first will be held on the last three days of the Fall term; the second on the last three days of the Winter term; the third will begin a week previous to commencement.

Special Examinations.—Students desiring special examinations are required to make application for the same at least one month before such desired examination, and no student will be allowed more than three special examinations in one year.

Number of Studies.—No student can take work amounting to more than the maximum requirements of his

class without the special permission of the Faculty, upon written request. Such requests must be presented on or before the second Monday of each term. The action of the Faculty in each case will depend upon the student's health and his standing in other classes.

CLASSIFICATION.

The classification of the Catalogue is made in May of the last term of the college year, and gives the class rank for the year.

A student who has completed all preparatory work, or its equivalent, and thirty-six term hours of college work will be ranked as Freshman; when he has completed eighty-four term hours he will be ranked Sophomore; when he has completed one hundred thirty-two term hours he will be ranked Junior. But no student will be admitted to the Junior class until he has completed all preparatory work, and no student will be ranked Junior until he has completed Course I. of Mathematics.

DEGREES.

The degree of Bachelor of Arts is conferred upon those who complete, in a satisfactory manner, either of the three courses, Classical, Scientific, Latin and Modern Languages.

The degree of Master of Arts may be conferred in course on every Bachelor of Arts of three years' standing, who has been engaged since his graduation in some literary occupation, and has sustained a good moral character. Applications should be made to the President as early as the first of June, accompanied by the usual fee of five dollars.

The degree of Civil Engineer is conferred upon those who complete the Engineering course.

Every person receiving a degree from the College will pay a fee of five dollars.

POST GRADUATE DEPARTMENT.

(This Course is Now Discontinued.)

FACULTY.

WILLIAM H. CRAWFORD, D. D., DEAN.
J. H. MONTGOMERY, PH. D.
J. W. THOMAS, PH. D.
W. A. ELLIOTT, A. M.
W. T. DUTTON, C. E.

In the opinion of the authorities of the College the time has come to discontinue the Post Graduate Department. This action is taken after mature deliberation.

The policy of the College is to devote all efforts to increase the efficiency and extend the usefulness of the undergraduate work, believing that there is more imperative need of first-class colleges than of universities. There are enough of the latter to meet all demands for many years to come ; the former are entirely too few. In this effort no time or energy is left to a faculty, already overworked, to supervise higher courses of study.

It is recognized that the Post Graduate Department has been of service to the College, and there is reason to think that it has benefitted those enrolled. The circumstances that existed when this work was taken up, have passed away, and accordingly the college discontinues the department. No more students will be enrolled in the course, but those now pursuing the work will be given a reasonable time to complete it under the conditions in force at their admission, and will be graduated as fast as they meet the requirements. This time will be limited, as it is desired to close up the work at the earliest possible date. No degrees will be conferred after June, 1897.

All correspondence should be addressed to the President of the College.

PRIZES AWARDED 1893-4.

PHILO-FRANKLIN SOCIETY.

Polyhymnian Declamation Prize, Robert K. Crawford
Centenary Oration Prize, . . William S. Douds

In addition to the above the following prizes are offered for next year :

ALLEGHENY LITERARY SOCIETY.
Chautauquan Oration Prize.
Alumni Essay Prize.

PHILO-FRANKLIN SOCIETY.
Kalamathean Essay Prize.
Alumni Essay Prize.

OSSOLI LITERARY SOCIETY.
Arlie Mead Thoburn Essay Prize.
Flood Declamation Prize.

REGISTER OF STUDENTS.

COLLEGE.

Students whose names are followed by (E.) are in the Civil Engineering Course. The others are in the A. B. Courses.

SENIORS.

Arthur, Urie Nelson, (E.)	Belle Valley
Bascom, Elvira L.,	Meadville
Byerly, Minnie,	Sharpsville
Calvin, Arthur J.,	Meadville
Calvin, Florence,	Meadville
Dickson, Eva B.,	Blooming Valley
Douds, William Sherman,	Calvin's Corners
Edson, Amanda,	Meadville
Fritchman, Elizabeth,	West Newton
Harrop, Harry Stuart, (E.)	Braddock
Jagomast, Francis Joseph, (E.)	Oak Park, Ill.
Jaynes, Edwin W.,	Randolph, N. Y.
McElroy, Fred W., (E.)	Smethport
Mount, Winnifred,	Oil City
Murphy, William R.,	St. Petersburg
Pachejieff, Kosta J.,	Meadville
Pickard, Ray F.,	Jamestown, N. Y.
Reed, Edwin Downing, (E.)	Meadville
Scott, Flossie Eleanor,	Baldwin
Smith, Edward V., (E.)	Meadville
Staples, Arthur,	Kane
Stilson, William Earl,	Sugar Grove
Urick, Mary E.,	Meadville
Virtue, Clare Wellington,	Guy's Mills

JUNIORS.

Berkhouse, Homer Milton, (E.)	Meadville
Campbell, Clara,	Kane
Elliott, Alfred Cookman,	Deerfield, O.
Farrar, Clarence B.,	Cattaraugus, N. Y.
Homer, F. LeRoy,	New Hamburg

Kurtz, Robert M., (E.) . . Conneaut, O.
Latshaw, David G., . . . Meadville
Merchant, Frank Warren, . . . Sharon
Robbins, Lorin LeRoy, . McKeesport
Roddy, Alice E., ... Meadville
Rose, Susan A., ... Meadville
Swearer, Wilbur C., . . New Kensington
White, Norris A., . . . New Castle
Wood, Samuel Adino, (E.) . . Grampian
Wright, Jacob Merrill, . . . Pittsburg

SOPHOMORES.

Barber, Margaret Browning, - - Meadville
Brisbin, Aldus Mead, - - West Freedom
Chamberlain, Herman S., - - Krumroy, O.
Davis, Millicent Marguerite, - North Bloomfield, O.
Dunn, Arthur D., - - - Meadville
Fenno, Vena, - - - Mill Village
Foster, George L., - - Jamestown, N. Y.
Gage, George N., - - Silver Creek, N. Y.
Goodwin, Herman Wells, - - - Sunville
Harper, Gertrude, - - - Meadville
Hogg, Herman Brooks, (E.) - - - Meadville
Hovis, Will F., - - - - Mercer
Jamison, George Turner, - - Mt. Jewett
Ketner, Urban Goldeth, (E.) - Saegertown
Kramer, Margaret Anne, - - Oil City
Langston, Clarence Adrian, - San Francisco, Cal.
Lattin, Lena, - - Cattaraugus, N. Y.
Madden, Newton Byron, - - Huntingdon
McKinney, Horace, - - - Meadville
Ohlman, Isaac Loeb, - - - Meadville
Pratt, William Henry, - - Penn Station
Shadduck, Agnes Belle, - - - Meadville
Slater, Fannie Maud, - - Tidioute
Schiek, Samuel Peter, - . - Meadville
Thompson, Walter Eugene, - - Warwick, N. Y.

Townley, John Brown, - - - Meadville
Trace, Letitia Estelle, - - - Meadville
Ward, Bertha Estella, - - - Franklin
Wilson, Wallace Alton, - - - Meadville

FRESHMEN.

Appleby, Florence, - - - Meadville
Baker, Bessie Marguerite, - - - Meadville
Barlett, Francis George, - - - Scotch Hill
Bascom, Blanche Elizabeth, - - - Meadville
Bissell, Marguerite Elizabeth, - Union City
Bordwell, Charles Elwood, - - Bear Lake
Brison, Joseph Dickson, - - Pittsburg
Brooks, Alton M., - - - - Geneva
Calvin, Katherine, - - - Meadville
Cowell, George G., - - - - Meadville
Douds, Robert Calvin, - - Calvin's Corners
Frits, Frederick Norman, - - - Fredonia
Fromyer, Matilda Margaret, - - North East
Gee, James McCreary, - North Kingsville, O.
Gilmore, Lyle Donald, - - Blooming Valley
Goodwin, Edwin D., - - - - Diamond
Helmick, Guy Darwin, (E.) - Kennedy, N. Y.
Higley, Oren, (E.) - - - Meadville
Hodges, Arthur Perry, (E.) - Lakewood, N. Y.
Horton, Arthur D., - - - - Girard
Howe, Gertrude Isabel, - - - Meadville
Irvin, Archibald L., (E.) - - Meadville
Johnson, Cyrus Victor, - - - Venango
Kittle, James S., - - - - Titusville
Laffer, Nelle Elizabeth, - - Meadville
Lattin, Georgia, - - - Cattaraugus, N. Y.
Lindsey, Earl Creal, - - Jamestown, N. Y.
Linn, Josette, - - Richmond Center, O.
Lytle, Gertrude, - - - Meadville
Maitland, Arthur Shippen, (E.) - - Oil City
McIntyre, Charles Alfred, (E.) - - Polk

Millhoff, Clarence B., - - - Donegal
Norris, Ulysses Grant, - - - New Millport
Nutt, Sarah Jane, ... Meadville
Pachejieff, John J., . . . Meadville
Parsons, Page Waters, . . . Meadville
Porter, Charles Arthur, . . . Meadville
Prather, Thomas Jefferson, . . Troy Center
Pratt, Minnie Bertha, . . . Meadville
Rich, John Russell, ... Ridgway
Schoenfeld, Julia, . . . Meadville
Smith, Edward Ellsworth, . . . Pulaski
Stackpole, Elbie G., ... Venango
Stelle, Charles Asa, (E.) . . . Crossingville
Swaney, David Scowden, (E.) . . . Meadville
Tate, Wilbur, (E.) . . . Meadville
Thompson, Arthur Webster, (E.) . . Meadville
Tobias, William Edmund, . . New Millport
Thornton, Arthur William, (E.) . . Albion
Wilson, Ida May, . . . Meadville

PREPARATORY DEPARTMENT.

THIRD PREPARATORY.

Allen, Clarence Buell, - - - Wattsburg
Bordwell, Theodore Ivan, - - Bear Lake
Borland, Grace, - - - - Busti, N. Y.
Bourquin, Ralph Eire, - - - Tidioute
Calvin, Robert Baxter, - - Calvin's Corners
Campbell, Anna, - - - - Kane
Carr, Ossian Elmer, (E.) - - Mosiertown
Chapin, Albert Orlo, - - - - Erie
Chase, Josiah Best, - - - - Meadville
Clingensmith, J. Isabel, - - - Wattsburg
Crane, Clarence Arthur, - - Garrettsville, O.
Douds, James Howard, - - Calvin's Corners
Douglass, Lizzie Pamela, . - Conneautville
Grant, George, - - - - Tarentum
Hayes, Edna, - - - Wattsburg
Heintzleman, Bert Suter, - - Penn Station
Henretta, James Edward, - - Harmonsburg
Hogate, Jessie May, - - Danville, Ind.
Kent, Clare, - - - - Linesville
Koen, Homer R., - - Mannington, W. Va.
Lefever, Clarence Homer, - - Hayfield
McCord, James Benney, (E.) - - Meadville
McFarland, Harry, . . . Meadville
McLaughlin, Frank Harry, . . Springboro
Maxwell, Clara Maud, . . . Oil City
Miller, Franklin Fletcher, (E.) . . Bruin
Miller, Thomas Harrison, (E.) . . Bruin
Owens, Alice Maud, ... Meadville
Phillis, Ellis Grant, . . . Spring Creek
Popoff, Stephen S., . . . Meadville
Strattan, Harry Ferguson, . . Strattanville
Tipper, William, ... Avalon
Wolfe, Robert Honnell, . . East Bethlehem

SECOND PREPARATORY.

Armour, Charles Fayette, . . Mill Village
Boynton, Joseph Clark, . . . Meadville
Clark, Daisy Juliana, . . . Meadville
Crawford, Robert Kingsley, . Wilton Center, Ill.
Curry, William Dickson, . . Meadville
Dixon, Joseph Abram, . . Warwick, N. Y.
Ellis, William James, . . . Sewickley
Fordyce, Camilla Hamilton, . . . Meadville
Gillett, Sherman Groo, . . Warwick, N. Y.
Hickernell, Elmer Benjamin, . . Hickernell
Hoover, Charles Wesley, . . . Loop
Horner, Burt Arthur, . . . Stahlstown
Johnson, Emet Elzer, . . . Meadville
Jones, Emerson Harvey, . Boomertown, N. Y.
McKinney, James Enos, . . . Meadville
Mead, Carrie Luella, . . . Pittsfield
Morris, Minnie Elizabeth, . . . Meadville
Mumford, Aaron Weller, . Calvin's Corners
Perry, Earl Hunter Winfred, . . Conneaut Lake
Pierce, John J., ... Sanford
Porter, Arthur L., ... Meadville
Robinson, Epley Wayne, . . . Erie
Sampson, Louise Sylvania, . . . Irvine
Spence, William Arthur, . . North Clarendon
Steele, Harry Keeler, . . Brookville
Thompson, Wellwood DeWitt, . . . Clark
Walter, John, Jr., . . . Black Ash
Wilson, Ulysses Grant, . . . Meadville
Yelvington, Stephen Osborn, . Forest City

FIRST PREPARATORY,

Bardwell, Stoddard William, . . Ridgway
Billings, Fred Claredon, . . Kennedy, N. Y.
Blakeney, Daniel Niles Freeland, . Middletown, N. Y.
Bowman, Nella S., ... Meadville

Branfield, Mary Alice, . . . Meadville
Bunce, Charles L.., . . . Meadville
Cheers, Anna Linnie, ... Plum
Clark, Maude Larene, . . . Meadville
Clemons, William Adolphus, . . Wayland
Comstock, Carl Crawford, . . . Meadville
Cortright, Ernest Everett, . Middletown, N. Y.
Cuppett, Charles Henry, . Glade Farm, W. Va.
Davenport, George Harry, . . . Meadville
Davis, Charles Ross, ... Pulaski
Davis, Ira Wilhelm, . . . Osborn
Delamater, Henry Bruce, . . Meadville
Derickson, Donald, . . . Meadville
Dunn, Harry Austin, . . . Pittsburg
Fox, Charles James, . . . Meadville
George, Thomas Hayes, . . Sandy Lake
Goodrich, Merton Eugene, . . Spartansburg
Hamilton, Chloe Estella, . . Ashland, O.
Hayden, Seymour Charles, . Jamestown, N. Y.
Henry, Livingston Louis, . . . Tidioute
Hillard, Jonathan Boone, . . . Eau Claire
Hillier, Joseph, . . . Cooperstown
James, Thomas Elais, . . . Braddock
Kebert, Roy Phillips, ... Kerrtown
Knox, Herman Henry, . . . Pulaski
Lofthouse, Walter Henry, . . . Meadville
McDowell, George Rockwell, . . Dicksonburg
McKinney, John James, . . Grove City
Martin, David Lorenza, ... Wesley
Moore, Sara, ... Parker's Landing
Neff, Abner Reed, . . . Meadville
Nunn, John Henry, ... Meadville
Ogden, Ward Henry, . . . Meadville
Patton, Joseph Scott, . . . Hartstown
Phillips, Arthur Wendall, . . Meadville
Roberts, John Emery, . . . Atlantic

Stone, Harry Stephen, . . . Franklin
Strattan, Custer Ferguson, . . Strattanville

UNCLASSIFIED.

Andrews, Maude Lenore, . . . Garland
Blodgett, Frances Lucelia, . . Youngsville
Cowan, Lillian Amelia, . . . Apollo
Cribbs, Bertha, ... Oil City
Flood, Rebie Margaret, - - - Meadville
Jack, Ella Mae, - - - - Apollo
Johnson, Kathleen, - - - - Meadville
Laffer, Evelyn, - - - - Meadville
McCracken, Sarah Elizabeth, - - Oil City
Martz, Cora Evaline, - - - Wattsburg
Moore, Jessie, - - - - Garland
Richmond, Mary Winifred, - - Meadville
Smith, Mary Scott, - - - Cochranton
Stevenson, Fannie, - - - Conneaut, O.

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Beck, Francis H., . . . Brookville
Beebee, William C., . Waterville, Wash.
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Bucke, John L. S., . . . Houtzdale
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Douglass, Thomas W., . . . Conneautville
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Knox, Janette Hill, . . Wahpeton, N. D.
Laverty, Joseph H., ... Chicora
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WHITE, ELLIOTT S., ... Elizabeth

SUMMARY OF STUDENTS.

POST-GRADUATE		72
COLLEGE :—		
Seniors	24	
Juniors	15	
Sophomores	29	
Freshmen	50	
	—	118
PREPARATORY :—		
Third year	34	
Second year	29	
First year	42	
Unclassified	14	
	—	119
Total		309
STUDENTS IN AFFILIATED INSTITUTIONS :—		
Conservatory of Music	246	
Business College	209	
	455	
Deduct students counted twice	21	
Total	—	434
Grand Total		743

INSTITUTIONS

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WITH

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COLLEGE.

MEADVILLE

CONSERVATORY OF MUSIC.

MRS. JUVIA C. HULL, Director.

Faculty of Eleven Instructors.

GENERAL DESCRIPTION.

At the annual meeting, June 23, 1886, the trustees of Allegheny College authorized the affiliation of the Meadville Conservatory of Music with the College. Each of the institutions remains under its own management, having separate charters and boards of trustees, but students in each may avail themselves of the advantages of the other. Students in the Preparatory School may also study music in the Conservatory. In the preparation for the Latin and Modern Language course, students may elect two years of Music as a substitute for French.

Broad Culture Afforded.—The Meadville Conservatory of Music was established for the purpose of affording superior advantages for the study of Music in all its higher branches. The courses of study pursued are similar to those of the successful schools of Music in Europe and America, and are calculated to make cultured, thoroughly competent and skillful musicians of the graduates; also to give them a system of school for their use when they in turn wish to become professional teachers.

DEPARTMENTS AND SCHOOLS.

The Conservatory of Music has the following departments and schools: Piano, Singing, Formation and Cultivation of the Voice, Violin, Orchestra, Quartet and Ensemble Playing, Orchestral and Band Instruments, the Art of Conducting, Harmony, Composition, Theory, Orchestration, Church Music, Oratorio and Chorus

Practice, Training of Music Teachers for Public Schools and Conventions.

Pipe Organ.—In 1893 a magnificent new Vocalion organ, of large size, from the manufactory of Mason & Risch, Worcester, Mass., was added to the equipment of the Conservatory, and is available for lessons and practice. Full details in the Catalogue of the Conservatory of Music, to be had on application to Mrs. Juvia C. Hull, Director, Meadville, Pa.

A detailed outline of the courses of the several schools of Music can be had on application to the Director for the *Conservatory Catalogue*.

Lessons.—Pupils may receive two lessons in each branch of Music per week in the regular graduating courses. The Conservatory term consists of ten weeks (twenty lessons). No deduction for lessons missed.

Pupils may enter the Conservatory at any time, but if possible, it is always better to commence with the new term.

Four Years' Course.—The course comprises four years' work, and is divided into grades of three divisions, namely: Preparatory, Intermediate, and Advanced.

Pupils are received into any division or grade which upon examination they may be qualified to enter.

Lady Students' Home.—Ladies studying Music only are admitted to Hulings Hall on the same terms as other lady students.

Diplomas.—Diplomas are given the graduates of the different courses, signed by the President of the Faculty, Director of Music, and teachers of the various departments from which they are graduated.

RATES OF TUITION.

For private lessons per term of ten weeks, two lessons per week, payable in advance :

PIANO,	1st and 2d grades	$ 15.00
	3d, 4th, and 5th grades	20.00
	Beginners, two in class, two lessons per week, (or, $10 each, for term of 20 lessons)	20.00
VOICE,	Private Lessons	20.00
CABINET ORGAN,	1st and 2d grades	15.00
	3d, 4th, and 5th grades	20.00
Pipe Organ,		20.00
VIOLIN,	1st and 2d grades	15.00
	3d, 4th, and 5th grades	20.00
Banjo and Guitar,		15.00
CONCERT,	1st and 2d grades,	15.00
	3d, 4th, and 5th grades	20.00
Harmony,		20.00
Harmony, class of four,		15.00
Theory of Music, class of four,		15.00
Counterpoint,	" "	15.00
Composition,	" "	15.00
Orchestration,	" "	15.00
Estimated expense per term for music used, about		5.00
Rent of Piano, one hour per day, per term		3.00
Rent of Pipe Organ, one period, 40 minutes per day, per term,		7.50
Rent of Pipe Organ, two periods, 80 minutes per day, per term,		15.00

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Sketching	5 00

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MEADVILLE, PA.

CALENDAR FOR 1894-95.

June 21, 22, 23, 1894, . . . Examinations

June 24, 10:45 a. m., . . Baccalaureate Sermon

By President WILLIAM H. CRAWFORD, D. D.

June 24, 7:45 p. m., . . .

. . Annual Sermon before College Y. M. C. A.

By the Rev. C. A. Holmes, D. D., of Pittsburg, Pa.

June 25, 2:00 p. m., ... Field Day

June 26, 3:30 p. m., Annual Meeting of Board of Control

June 26, 8:00 p. m., . . Inter-Society Contest

June 27, 9:30 a. m., Annual Meeting of Board of Trustees

June 27, 2:00 p. m., . Meeting of Alumni Association

June 27, 8:00 p. m., . . . Senior Class Day

June 28, 10:00 a. m., . Commencement Exercises

SUMMER VACATION.

September 18, Tuesday, 9:00 a. m., . Fall Term Begins

December 13, Thursday, . . Fall Term Ends

WINTER VACATION.

January 2, 1895, Tuesday, . Winter Term Begins

January 31, Thursday, . Day of Prayer for Colleges

March 21, Thursday, . . . Winter Term Ends

SPRING VACATION.

April 3, Tuesday, . . Spring Term Begins

June 27, Thursday, , . . . Commencement

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FOUNDED 1815

ALLEGHENY COLLEGE

1894-5

EIGHTIETH YEAR

Allegheny College

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FOR

1894=95

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M'COY & CALVIN, PRINTERS
1895

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Description of the College.

HISTORICAL SKETCH.

Travelers from Erie to Pittsburg in 1815, by way of the Waterford and Allegheny turnpike (now called Main street in Meadville), on coming to the top of the hill that overlooks the silvery curve of French Creek where the Cussewago falls into it, saw at their feet on the left bank of the stream, a village of perhaps a hundred white wooden houses and black log huts, scattered along three or four parallel and cross streets, and surrounded by cleared fields thickly dotted with big stumps. To this village of less than five hundred people came in June, 1815, the Presbyterian preacher and teacher, Timothy Alden, from New York City, to visit his cousin, Major Alden, one of its most prosperous and progressive citizens. Cousin Alden had not been dubbed Major merely by good-natured friends, as is often done in frontier towns, for he frequently boasted that he had heard the first gun at Lexington and the last at Yorktown. Nor had the Rev. Timothy Alden come five hundred miles through the wilderness merely to pay a visit. He had looked over a map of his country and concluded that Meadville would be a good place to found a college. Major Alden favored the plan, introduced his cousin to Rev. Robert Johnston, then pastor of the First Presbyterian Church, and the outcome was the historic meeting of citizens in the log courthouse on the evening of June 20, 1815.

At this meeting Maj. Alden was called to the chair, and John Reynolds (father of Rev. John and William Reynolds) became secretary and treasurer. It was voted to found an institution of learning, to be called from the name of the chief river of its proposed territory, Allegheny

College. Rev. Timothy Alden was chosen President, and Rev. Robert Johnston Vice-President, and the former was directed to go east and gather whatever he could of value for the new enterprise.

Of this subscription tour the detailed record, still preserved, offers some curious items. Ex-President John Adams gave $20 in books. The presidents of Columbia and Union colleges subscribed, and there were many gifts of money and books from distinguished men in and around Boston who had been college friends of Timothy Alden at Harvard. On his return to Meadville the persevering collector was able to sum up his work thus: Land subscribed, $2,000; books, $1,642.30; cash, $461; total, $4,103.30. This, considering the hard times just after the war of 1812, was remarkable. Meanwhile a subscription book had been opened in Meadville, in John Reynolds' hands, and the gifts of the little village and surrounding community footed up over $5,000. Prominent items on this list are Samuel Lord and Daniel LeFever, 225 acres of land; Hon. Wm. Griffith, Hon. J. B. Wallace, and Maj. Alden, $500 each; John Reynolds, Gen. David Mead, and H. J. Huidekoper, $300 each. Truly indeed does Dr. Bates remark on this in his *History of Crawford County*, "There are few cases on record of such abounding faith in the face of unbounded difficulties." The State helped along the fledgling by granting it $7,000 and a charter.

The same year the charter was conferred (1817) the first commencement was held in the old log courthouse. For here, or in Dr. Alden's house, was given the college instruction during the five years before Bentley Hall was built. A program of this first commencement, still preserved, shows that it must have been an affair to astonish the natives. Four Latin orations, and one Hebrew oration, were delivered, but there were no graduates. Indeed there were only twelve graduates during all the

fifteen years of Dr. Alden's administration. So few, when there was an attendance of twenty or thirty per year and no preparatory department, may be taken as a proof of high requirements in scholarship. With honorary degrees, however, the young college was more lavish, having bestowed already at Dr. Alden's inauguration two LL.D.'s and two S. T. D.'s on some dignitaries in New England.

Dr. Alden's fondness for pomp and ceremony indulged itself again at the laying of the corner stone of Bentley Hall (July 5, 1820). Two or three of the persons who witnessed it as five-year-old children are still living, and have vivid pictures of it in their memories. All the school children, dressed in their Sunday clothes and carrying large bouquets, marched to the notes of martial music from the center of the town towards College Hill, strewing flowers as they went. The procession passed along what is now the Terrace, turning to the right up the hill through the fields, where Spring street now runs. No doubt every one of the six hundred and sixty-six souls of the town was there, if possible, besides hundreds more from the country for many miles around. There in the warm July sunshine, under a great floral arch, amid vocal and martial music and streams of eloquence, with imposing Masonic rites, was laid the corner-stone.

The first building was called Bentley Hall, in honor of Rev. William Bentley, of Salem, Mass., who at his death in 1820 left to the College his library, valued at $3,000. There is a tradition that Harvard had her eye on this rare collection of books, and had honored its owner in anticipation of the bequest, but was supplanted by the little college on the frontier. The gift was due to Dr. Alden's personal influence, as was the donation soon after by Hon. James Winthrop, LL.D., of Cambridge, Mass., of a library valued at $6,400. The founder of Allegheny College, being a thorough scholar himself, evidently realized that good books are as necessary to higher learning as

good instructors, for at the end of his administration the College had a library worth $20,000.

With such material resources, such territory, and with such energy and ability at its head, it would seem that the new institution ought to have kept pace with the growth of the country. But it did not; fate was against it. The Presbyterian Church to which it looked for its main support, already had two small colleges in Western Pennsylvania. Most of the Presbyterian preachers in the territory were alumni of one or the other of these, and were naturally devoted to alma mater. For this reason, Dr. Alden's petition that the Presbytery of Erie take Allegheny College under its patronage, met with a strong refusal. Hard as this must have seemed to him, it was to result finally for the best of the college. The Presbyterians, even from their own point of view, were right in giving up Allegheny, as they had been right in giving up Dickinson. For it is far better for any denomination to have one or two strong institutions of learning in a State than to have half a dozen weak ones. Yet, to the zealous founder, to see his college rejected by his own church was disheartening; to see the attendance decreased in consequence, and the annual State appropriation of $1,000 withdrawn, was despair. The enterprise that had absorbed the best years of his life seemed a failure. With a heavy heart he was obliged to resign. His beloved college, the object of his earnest prayers and unceasing labors, was perhaps to become a habitation for bats.

This unfortunate pioneer of higher learning deserves more than a passing notice. He was almost as remarkable for scholarship, ancestry, and missionary work among the Indians as for his Herculean labors in founding a college. In a volume of memoirs of the Erie Presbytery, his ancestry is traced back to John Alden, who came over in the *Mayflower*. Himself, his father, and all the male members of the family back to 1665 were Harvard gradu-

ates. His mother was a Weld, a descendant of Fox the martyrologist. Timothy was intended for a farmer in order to inherit the valuable farm of a rich uncle, who had promised him this if he would come and live with him. But blood will tell, as the uncle soon discovered, for the boy carried his Latin grammar with him into the field to plow. It was agreed that he ought to be sent to college. At Harvard, where he was graduated in 1794, he distinguished himself in languages, especially the oriental. His graduation oration was in Syriac. Then he preached and taught acceptably in several places, including Boston and New York City. While laying the foundations of Allegheny, he declined a call to be president of a college at Cincinnati. He frequently spent his vacation in preaching to the Indians, and was an intimate friend of the famous Seneca chief, Cornplanter. The house he occupied longest in Meadville stood near the present site of Spencer Hospital, in the fields at a considerable distance from the town, and was reached by letting down one or two pairs of bars. It has recently been torn down. He frequently preached in Presbyterian pulpits, where his appearance was imposing, his voice orotund but somewhat monotonous, and his prayers beautiful, though of little diversity. His published works include five volumes of "American Epitaphs," and a Hebrew Catechism. After leaving Meadville in 1831, he was for some time principal of seminaries in Cincinnati and Pittsburg, then for four years pastor at Pine Creek, Pa. Here he died a rapturously triumphant death in 1839, and the cemetery of this village is his last resting place. All who knew him say he was a genial and sincere man. His students say he was a great teacher, both by his knowledge and by his skill in its communication. And to his great ability as an executive and organizer, Allegheny College is a lasting monument.

For two years Bentley Hall stood deserted. Then the eloquent young Homer J. Clark came to Meadville to be

pastor of the first Methodist church. He had been professor and agent for Madison College, at Uniontown, Pa., a struggling little institution, chiefly remembered now as the Methodist forerunner of Allegheny College and as the alma mater of Mathew Simpson. It was young Clark who first resolved to secure the deserted College for Methodism. Through his influence, and to this end, the Pittsburg Conference of Methodist preachers met in Meadville in July, 1833. The preachers, having looked over the ground, resolved to adopt the comely waif, bag and baggage, and to raise $20,000 for its support. Though the latter part of the resolution was not carried out, the institution opened in November, 1833, with Rev. Martin Ruter, D.D., as President, Rev. Homer J. Clark as Vice President and Professor of Mathematics, and A. W. Ruter as Professor of Languages. Only thirty students were enrolled at the opening, but at the close of the four years of Dr. Ruter's presidency, the number of students for the year was 146. The number of graduates during the four years was fourteen.

Dr. Ruter resigned in order to go as superintendent of Methodist missions in Texas. Without being a college graduate, he had begun preaching at seventeen, been pastor of the best Methodist churches in New England, principal of Wesleyan Academy, Mass., book agent at Cincinnati, President of Augusta College four years, and pastor in Pittsburg, before coming to Meadville. In Texas, living the rude life of a frontiersman, he rode thousands of miles on horseback, preached every day and often three times a day, and planted Methodist societies in every part of the State. He died and was buried in Texas. He was a large man physically, having already in Meadville the appearance of an old man, though he was then only forty-eight. He was everywhere a popular preacher, and though by no means a self-seeker, he received in the General Conference of 1836 a strong vote

for Bishop. His versatility must have been unusual, for he was the author of a Hebrew Grammar and a History of the Martyrs, and his Church History was the standard text-book of Methodist preachers in America for nearly half a century. Ruter Hall could hardly have been named for a worthier man than Martin Ruter—unless it had been called after the Presbyterian founder.

The most notable result of Homer J. Clark's administration (1837-47) was the adding of $60,000 to the endowment. This sum, magnificent for those days, was collected by Dr. Clark mainly in lumps of $25 each. The State had been appropriating $1,000 per year for six years, up to 1844, when this prop fell away. The college was therefore closed for a year, while Dr. Clark went begging for its relief. By his hard labors of this year, its future was made secure. But he worked himself nearly to death. In addition to his duties as president, he taught five or six classes per day. He was also a superb preacher, always memorizing his sermons verbatim. After leaving Meadville, he became editor of the Pittsburg *Christian Advocate*.

Then came the gentle Dr. Barker. He had succeeded Simpson here in 1839 as Professor of natural science, and gone to Transylvania College, Ky., seven years later as professor of ancient languages. The visible memorial of his presidency is Ruter Hall, built in 1855 and paid for by the citizens of Meadville; but a more enviable memorial of him is the invisible one—the affection for him that lives in the hearts of all who knew him and will be spoken of whenever his name is mentioned in all time. His students used to say that anyone who would impose on him was a brute; yet some of them did so for all that. He was at home as a teacher in all departments, and students were equally delighted to pass an hour with him in mathematics or in Greek. As a preacher and lecturer he was well read, lucid, strong, and eloquent; socially he

was genial, witty, and thoroughly up to the times. Though repeatedly offered other positions with better salary, he remained true to Allegheny until he was smitten down by apoplexy in the twelfth year of his incumbency (December, 1859).

The days of Barker were the last of the stage coach and canal boat as the sole means of reaching Meadville. The first railroad was completed soon after his death. Students from the south who came before this time, traveled by boat up the Allegheny river, thence by stage from Franklin; those from Ohio came by a stage that ran from Kinsman once a week; and many a poor young man came a hundred miles over the hills afoot. Among the most vivid recollections of the still surviving students of those days are the dreadful joltings they suffered on the long journeys from home in the old stagecoach, over, or rather through, the bad roads in the spring of the year.

Soon after Dr. Loomis's inauguration came the Civil War. Patriotism ran high among the professors and students. A company was formed to go from the College (Co. I of the 39th Regiment*). Ira Ayer, a student and the only member who knew tactics, was made Captain, and Oscar Henning, the professor of German, went as Second Lieutenant. Rev. J. Boyd Espy, O. H. Hollister, and Geo. I. Wright are among the few survivors of this famous company. Ira Ayer was badly wounded at the second Bull Run fight, but he came out of the war a Colonel. Just before their leaving, Dr. Loomis addressed the student company drawn up in line, and told them if any of them showed the white feather he never wanted them to come back to Allegheny. They fought bravely, but twenty-eight of them could not come back, for they were buried in southern fields. Nine of them were killed and seventeen wounded in the terrible fight at Gaines' Mill; among the mortally wounded was Corporal Pier, noted

*See Bates's Penn'a Volunteers, Vol. I., p. 817.

in camp for his piety and his diligence with his Greek testament. But their old flag was brought back, riddled with bullets and spotted with blood, and is now one of the most precious relics in the possession of the College.

Dr. Loomis was a graduate of Wesleyan University in Connecticut, and an experienced educator. He was also a great man to raise money. Through him Culver Hall (burnt in 1884) was built in 1864, furnishing dormitories to 100 students, and large additions were made to the endowment. Perhaps the most striking change during his term was the admission of girls as students (1870), which was mainly brought about through the influence of Prof. Hyde. Allegheny was one of the first colleges in the country to make this innovation.

Dr. Bugbee came from the headship of the Woman's College at Cincinnati. He was a graduate of Amherst, and had been principal of seminaries in Fayette, Iowa, and Evanston, Ill. At the beginning of his term, Alexander Bradley contributed an additional $6,000, bringing the total of his gifts up to $30,000, which forever endows the chair of Latin. During this time, also, Hulings Hall was built, and the Government detail of a United States Army officer to teach military science, was secured, which greatly increased the prestige of the faculty. When Dr. Bugbee began, there were 132 students enrolled in both the college and the preparatory school; the year before he left (1882), the number enrolled in both departments was 295.

Dr. Hamnett, the vice-president, managed the affairs during an interim of one year, as he had done for the year before Dr. Bugbee came. Then Dr. Wheeler took charge. Having been five years United States Consul in Genoa, Italy, under President Lincoln, eight years professor in the Northwestern, and seven years editor of the *Methodist* in New York, he brought great prestige to the office. Prominent features of his policy were the appointment of

none but specialists to the college chairs, and the enlargement of the college proper by modernizing its courses. Near the end of his term the Wilcox Hall of Science was built. Probably none of his predecessors, except Dr. Barker, ever enjoyed the admiration and affection of the students to the extent that Dr. Wheeler did.

Dr. W. G. Williams was president for a year at the end of the first five years of Dr. Wheeler's term, and greatly improved the grounds and buildings. He was the only chief executive who was an alumnus of the institution.

Allegheny counts among her alumni an extraordinary number of distinguished men. There are two bishops—Kingsley and Thoburn; five college presidents—Martin of De Pauw, Marvin of the University of Kansas, Goff of the Western University of Pennsylvania, Williams of Allegheny, and Hartshorn, the founder of Mt. Union; many judges, including John Henderson and Pearson Church; one state governor—Pierpont of West Virginia; and two of the most prominent candidates for the next chief magistracy of the nation were once her students.

Matthew Simpson was a mild and genial professor here for two years, and nobody ever suspected his greatness. Bishop Kingsley, brought up on a farm and buying his first books by making maple sugar and carrying it ten miles to Jamestown, N. Y., to sell, was made a tutor in the college only two years after he entered, and a full professor immediately on his graduation. In twelve years more he had forty votes for Bishop.

As old Allegheny is passing the eightieth milestone in the long-distance race—the second milestone since Dr. Crawford took the reins—she finds herself exactly even with the average colleges of the United States. With perfect harmony among her owners, with the provision for her care now greatly augmented, and with a constantly increasing student body, she bids fair to beat her record.

MEADVILLE.

No city in Western Pennsylvania is more advantageously situated than Meadville. It has two lines of railroad: the New York, Pennsylvania & Ohio, and the Pittsburg, Shenango & Lake Erie. By these routes Pittsburg may be reached in five hours, Cleveland in three hours, Erie in two hours, Cincinnati in twelve hours, and New York in thirteen hours. This arrangement gives easy and expeditious access to the city from all points. The population of the town is about 10,000; it is an old and well established city, having cultured society and many educational influences. The city has most of the modern improvements, such as illuminating gas, electric lights, and natural gas fuel.

GROUNDS AND BUILDINGS.

The College Campus embraces thirteen acres on the north side of the town, having an elevation of two hundred feet above French Creek Valley; it is well shaded with trees, and has a beautiful outlook upon the town and the surrounding country. In natural beauty the Campus is very attractive, and the situation is one of the most healthful in the country.

There are four large buildings belonging to and used by the College.

Bentley Hall bears the name of Rev. William Bentley, D. D., of Massachusetts, who gave his valuable library to the College. The corner stone was laid July 6th, 1820. It consists of a central building three stories high above the basement, and two wings two stories in height, and is devoted to Recitation rooms, Society Halls, rooms of the Young Men's Christian Association, and the office of the President of the College.

Ruter Hall, named after Rev. Martin Ruter, D. D., the second President of the College, is a substantial brick building, erected chiefly by the citizens of Meadville, in

1855. This building contains the Museums of the College, the Library, and the Chapel.

HULINGS HALL is a large brick edifice, erected in 1881, by Marcus Hulings, Esq., of Oil City, and the citizens of Meadville. It is used as a home for lady students, and has rooms for sixty. It is about one hundred by eighty feet on the ground, and four stories in height, including the mansard roof, and is supplied with gas and water, and heated by steam.

WILCOX HALL OF SCIENCE is one of the most modern buildings, devoted to educational purposes, in Western Pennsylvania. It was built with reference to science teaching only, and is perfectly adapted to the needs of scientific work. The building occupies a pleasant site on the College Campus and is itself architecturally beautiful. The lecture room is in the form of an amphitheater and will seat one hundred and twenty students. There are ten working rooms where students perform experiments and carry on investigation. All these departments are well equipped with illustrative apparatus and new pieces are being added as rapidly as possible.

APPARATUS.

The College possesses extensive cabinets of Mineralogy and Conchology, and complete Chemical and Physical apparatus of the most improved forms.

The apparatus comprises many distinct pieces, affording ample means of illustrating every branch of Physics and Chemistry now taught in collegiate institutions. Among the most expensive instruments are the following:

A Compound Microscope with accessories, manufactured by Zentmayer. A Rumkorff Induction Coil, giving a twelve inch spark, by E. S. Richie & Co. Apparatus for solidifying carbonic acid. Eighteen instruments to illustrate the laws of undulations. Auzoux's largest Anatomical Models of the eye, ear, brain, and larynx. Apparatus for reproducing Tyndall's experiments with heat. Two Polariscopes, with accessories. A Spectroscope with four prisms.

Complete apparatus for projection, including a first-class Educational Lantern, Double Stereopticon, Oxy-Hydrogen Microscope, Duboscq's apparatus for projecting polarized light. Friction Machine. Holtz Electrical Machine. A Phonograph. Two dynamos and accessories, etc. The optical instruments, excepting the Compound Microscope, Telescope, and Astronomical Transit, were made by M. Duboscq, of Paris.

The telescope is an 8-foot refractor, 7½ inch object glass; in power capable of separating minute double stars; manufactured by A. Clark & Son, Cambridge, Mass. The Astronomical Transit is a fine instrument from the hands of Stackpole Bros.

In Mathematics and Engineering all necessary instruments for illustrating pure and applied Mathematics, are provided.

A Transit with Meridian Finder, a Prismatic Compass, two Sextants, Compass, Chain, Level, and other apparatus are in practical use.

THE MUSEUM.

The Museum embraces several distinct collections of Minerals, Shells, Fossils, etc.

1. The Prescott Collection, comprising 2,200 specimens of Marine, Terrestrial, and Fresh Water Shells, and about 3,000 specimens of Minerals and Fossils, was collected and mounted by Dr. William Prescott.

2. The Haldeman Collection has 550 excellent and carefully labeled specimens of Minerals, and about 2,000 specimens of Shells, and was purchased by S. S. Haldeman.

3. The Alger Collection.—This collection, made by Francis Alger, contains 5,000 specimens of Minerals, remarkable for their beauty and variety. It embraces also a large number of duplicates, and a handsome cabinet of about 1,500 specimens of Shells.

4. Cabinet of Lithology and Palæontology.—This contains an entire series of the well-known Ward Casts, and a very comprehensive and valuable collection of Fossils and Rocks, to which additions are being made.

5. Smithsonian Collection.—In addition to several valuable collections heretofore obtained from the Smithsonian Institution, there have been added over 500 specimens of Land, Marine, and Fresh Water Shells from Panama, Vancouver's Island, and the West

Indies, chiefly obtained by Prof. C. A. Adams, and authentically labeled by H. Cumming and Dr. P. Carpenter, from the collection of D'Orbigny and Cumming.

6. Entomological Collection. The Cabinet of insects embraces 3,000 species, carefully and accurately catalogued and classified. It was arranged by W. O. Currier, and donated by a friend of the College.

7. Natural History Collection.—In addition to the above named collections there are about 1,000 Zoological Specimens, including Birds, Reptiles, Fish, and Marine Animals, which are constantly being increased in number by the exertions of the friends of the department.

These collections greatly increase the scientific advantages of the College and furnish special incentives to the study of Natural Science.

THE LIBRARY AND READING ROOM.

The College Library contains about 14,000 volumes, many of them rare and valuable works. Special attention is being given to the purchase of new books, particularly such reference books as are needed by the various departments of College work.

The Library and Reading Rooms occupy the whole of the third floor of Ruter Hall. The Librarian gives his whole time to the Library and the students are able to make free use of books and periodicals at stated hours.

The Reading Room provides for the students a wide range of periodical literature, together with Dictionaries, Encyclopædias, Atlases, and other books of reference. Complete files of all the best magazines are continually kept on hand.

Admission.

Candidates for admission to the Freshman Class are required to pass a satisfactory examination in the following subjects:

Latin—Grammar (Allen and Greenough's preferred). Composition, Collar, or Daniell. Cæsar, Gallic War,

four books. Sallust, Catilina. Cicero, seven orations, (the Manilian Law to count as two.) Vergil, Æneid, six books. The Roman method of pronunciation is used. An equivalent amount in Arrowsmith and Whicher's Latin Readings will be accepted in place of Cæsar and Sallust.

GREEK—Grammar (Goodwin's preferred). Beginner's Greek Book, White. Xenophon, Anabasis complete, or an equivalent amount of Attic prose. Prose Composition, Collar.

FRENCH OR GERMAN—Two years' work, an amount equivalent to courses outlined on page 28.

ENGLISH—English Grammar. The Elements of Rhetoric; the ability to write clear, idiomatic English, correct in spelling and punctuation is expected. Elementary English Literature, an outline of the history of English and American Literature; critical readings from not less than ten of the standard writers. A wide range is given in the selection of authors, but it is expected that the readings are to be from the more important writers.

MATHEMATICS—Arithmetic, with the Metric System. Algebra, through Quadratic Equations (Wentworth's Complete Algebra preferred). Geometry, Plane and Solid.

HISTORY—United States, Johnston, or Montgomery. Eastern Nations and Greece, Myers. Rome, Allen.

SCIENCE—Physical Geography, Eclectic, or Guyot. Physiology, Walker. Natural Philosophy, with experiments, Gage.

Certificates for the above work will be received from approved schools. It is expressly understood, however, that the right is reserved to require preparatory work from students who are not able to make satisfactory progress in College classes.

Certificates from the regents of the State of New York will be accepted. All others must be made out on special blanks, which will be sent on application. No other certificates will be received.

Courses of Study.

The College has three parallel courses of study, which lead to the degree of Bachelor of Arts.

I. The Classical Course combines all the excellences of the time-honored classical course. By immemorial use it has proved its eminent value, and is worthy of the confidence and respect which a long venerated observance gives. For a full and harmonious preparation for the varied professions and employments of life, it is unexcelled. The wide range of electives in the Junior and Senior years enables a student to do special work in favorite lines.

II. The Scientific Course requires the same preparation as the Classical, but French will be accepted in place of Greek. In the College years, the German language takes the place of the Freshman and the Sophomore Greek, and additional science is substituted for the Latin of the Sophomore year. This course opens the treasures of Science in the Modern Languages, and by extensive laboratory practice prepares the student for original research. Young men looking toward chairs of Science in schools and colleges will find this course especially adapted to them.

III. The Course in Latin and Modern Languages requires the same preparation as the Classical, except that two years of French or German are substituted for two years of Greek in the second and third Preparatory years. Two years of German or French are substituted for two years of Greek in the Freshman and Sophomore years. This course has been adopted in order to accommodate students who prefer to leave out the Greek entirely and give more time to the Modern Languages.

Courses II. and III. are enlarged by the addition of elective studies as in the Classical course.

Departments of Instruction.

General Purpose.—This institution is a college, that is to say, a training school. Its purpose is to prepare those students who pass to the degree of Bachelor of Arts for any kind of professional study, but it does not undertake to prepare a student to enter upon any profession without special study. And it advises its graduates to avail themselves of the advantages of well-equipped universities. The experience of the college proves that its graduates are able to distinguish themselves in various professional careers, whenever they have added to their college training the special equipment for success in such professions. This general purpose controls the methods of the college in all departments of instruction. The end sought is not complete knowledge of any branch of study, but thorough discipline and correct habits of observation and reflection.

An increasing proportion of our graduates enter not upon professional but upon business life. The general principle above stated applies to them with as much force as to those who enter professions. The training of a college does not teach a man how to do business successfully, but it does prepare him to learn any business rapidly, and to attain large success, if he have the requisite talents.

Courses of Study in Various Departments of Instruction.

In this detailed description of the courses the number of "hours" refers to the number of hour recitations per week.

PHILOSOPHY.

The aim in this department is to secure for the student habits of philosophic thought and to enable him to come to a right knowledge of himself and his relations to

nature, to his fellow men, and to God. Text books are used only as guides. So far as possible the masters of philosophy are studied from their own works. Emphasis is put on the necessity of independent investigation and independent thought.

Course I.—Logic.—Much attention is paid to careful drill in synonyms and definition, different forms of immediate inference, fallacies, logical analysis of themes, and the criticism of arguments. *Spring term, three hours.*

This course is elective in Junior year Scientific course, and is required in Junior year of the other courses.

Course II.—Psychology.—Outlines of the science. Recitations and informal lectures. *Fall term, four hours.*

Required in Senior year of all courses.

Course III.—History of Philosophy.—

Winter term, three hours.

Elective in Senior year of all courses.

Course IV.—Ethics.—Recitations, essays, and discussions.

Spring term, three hours.

Required in Senior year of all courses.

Course V.—Christian Evidences.—Text book and informal lectures.

Winter term, three hours.

Required in Senior year of all courses.

SCIENCE.

Physics and Chemistry.—The leading idea in the instruction given in these subjects is to prepare the student for independent research, upon the theory that such method affords the highest mental discipline and the most satisfactory practical knowledge. Each student, furnished with sufficient material and apparatus to enable him to do so, will pursue his own investigations under such guidance as will secure precision in method and accuracy in results. Illustrated lectures will frequently be given to make the path clear and the labor interesting and successful.

The College has complete facilities for obtaining a thorough elementary knowledge of these branches. The costly and splendid apparatus, kept up to the times by occasional additions, and the laboratories, abundantly provided with chemicals, make these studies unusually attractive and satisfactory.

CHEMISTRY.

Course I.—Inorganic Chemistry. Lectures, class work, laboratory practice. Mineralogy. *Throughout the year, three hours.*
Required in Sophomore year of all courses.

Course II.—Chemical Analysis and Assaying, Organic Chemistry. *Throughout the year, three hours.*
Required in Junior year of the Scientific course and elective in Junior year of the Latin and Modern Language course.

PHYSICS.

Course I.—Class work, illustrated lectures, experiments. Fall term, Mechanics; Winter term, Electricity; Spring term, Hydraulics, Heat, Light, and Sound. *Throughout the year, three hours.*
Required in Junior year of all courses.

Course II.—Advanced work in experimentation. All branches of the subject are closely studied by original problems and investigation. *Throughout the year, three hours.*
Required in Senior year of the Scientific course. Open only to those who have completed Calculus.

ASTRONOMY.

Course I.—Young's General Astronomy. Practice in the use of Astronomical instruments. Illustrated lectures.
Spring term, four hours.
Required in Junior year of the Scientific course; elective in Junior year of the other courses.

GEOLOGY.

Class work is supplemented by lectures and work in an excellent museum and by frequent excursions to points of interest in the vicinity. As much field work is done as is possible in the time allotted to the subject.

Course I.—Dynamical Geology. *Winter term, three hours.*
Required in Senior year of all courses.

Course II.—Historical Geology. *Spring term, three hours.*
Required in Senior year of the Scientific course; elective in Senior year of the other courses.

ZOOLOGY.

Course I.—Fall term, Comparative Anatomy; Winter term, Classification. *Three hours.*
Required in Freshman year of all courses.

BOTANY.

Course I.—Class work, lectures. Collection and mounting of fifty specimens. *Spring term, three hours.*
Required in Freshman year of all courses.

BIOLOGY.

Course I.—Study of the lower forms of plant and animal life and of the cell structure of higher forms. Microscopy. Mounting specimens. *Throughout the year, three hours.*
Required in Sophomore year of the Scientific course.

GERMAN LANGUAGE AND LITERATURE.

In the study of German, no single method is pursued exclusively. The constant aim, however, is to learn the living language. Accordingly, conversational exercises are carried on once a week during the first two years and three times a week during the third year. Accurate grammatical knowledge is secured by prose composition exercises twice each week throughout the courses. In the last year extensive sight-reading of the classic authors is required outside of class, and summaries of these authors are read in German or English by the various students before the class. Thus by wide reading, as well as by constant conversation and writing, we would follow Bacon's method for making "a full man," "a ready man," and "a correct man."

The outlines of German literature are studied in the last year by dictated lessons, oral descriptions by the instructor, and by biographical readings in the larger encyclopaedias.

Course I.—Joynes-Meissner Grammar; short, easy stories for translation. *Throughout the year, four hours.*

Elective in Sophomore year of the Classical course and required in Freshman year of the other courses.

Course II.—Grammar work continued; Modern Prose Fiction, with one Classic Drama. *Throughout the year, four hours.*

Elective in Junior year of the Classical course and in Sophomore year of the Scientific course, and required in Sophomore year of the Latin and Modern Language course.

For Scientific students who elect Greek in the Sophomore year, Course II. may be taken in the Junior year.

Course III.—Harris's German Composition; Classic plays. Extensive readings on which is based conversation.

Throughout the year, three hours.

Elective in Junior year of the Scientific and the Latin and Modern Language courses.

Course IV.—Composition, rapid reading, conversation, and literary study of writers of first rank.

Throughout the year, three hours.

This course is an elective for Seniors; it being alternated with Course III. on successive years, the Juniors and Seniors take either course together.

FRENCH LANGUAGE AND LITERATURE.

The aims and methods of this department are essentially the same as for the department of German, as detailed above.

Course I.—Chardenal's French Course; easy prose translation. Super's French Reader, or an equivalent.

Throughout the year, four hours.

Course II.—Blouet's French Composition; wide reading of prose fiction, conversation. *Throughout the year, four hours.*

Courses I. and II. are elective in Sophomore and Junior years of the Classical course; and if not offered in preparation, are required in Freshman and Sophomore years of the other courses, in place of German I. and II.

Course III.—Composition, rapid reading, and outlines of literature.

Throughout the year, four hours.

This course may be taken as an elective for third year French, as Courses II. and III. are given on alternate years. Only three hours per week credit, however, will be allowed those taking it as a third year course.

HEBREW.

A year's work in Hebrew is open to candidates for the Christian Ministry. It is believed that the student thus taught in Hebrew, and familiar with the Greek Classics of the course, can easily fit himself by private study of the Greek Testament and additional work in Hebrew, to enter upon the second year in the Theological Seminary.

Course I.—Bissell's Hebrew Grammar, completed. Twelve or more chapters in Genesis read. *Throughout the year, four hours.*

Elective in Senior year of the Classical course.

This course is given only on alternate years. It will be given during the year 1895-6.

MATHEMATICS.

Extended courses in pure and applied mathematics are offered, the work done being such as will be of the greatest value in mental discipline, and in the application of the subject to Science and Engineering.

Course I —Algebra.—The Binomial Theorem, Variables and Limits, Series, Determinants, Theory of Equations, Logarithms.

Geometry.—Lines and Planes in Space, Polyhedrons, Cylinders and Cones, the Sphere, Conic Sections.

Fall term, four hours.

Trigonometry.—Functions of Acute Angles, the Right Triangle, Goniometry, the Oblique Triangle, the Right Spherical Triangle. *Winter term, four hours.*

Trigonometry, the Oblique Spherical Triangle, Applications of Spherical Trigonometry. Application of Trigonometry to Surveying, Instruments and their uses, Land Surveying and Plotting.

Spring term, four hours.

Required in Freshman year of all courses.

Course II.—Analytic Geometry.—Construction and Discussion of Equations, the Straight Line, Circle, Ellipse, Parabola, and Hyperbola, General Equation of the Conic Section.

Fall term, three hours.

Construction of Conics from their Equations, Tangents and Normals, Conics referred to Oblique Axes, Higher Plane Curves.

Differential Calculus.—Introductory Theorems, Differentiation of Explicit Functions, Transcendental Functions, Successive Differentiation, Development of Continuous Functions. *Winter term, three hours.*

Evolution of Illusory Forms, Maxima and Minima, Functions of Two or more Variables.

Integral Calculus.—Type Forms, General Methods of Transformation, Successive Integration, The Constant of Integration, Geometrical Applications.

Spring term, three hours.

Required of Scientific Sophomores. Sophomore elective in other courses.

Course II.—An advanced course in Higher Mathematics, taking up such subjects as are agreed upon by the class and the instructor.

Throughout the year, two hours.

Elective in Junior year of the Scientific course.

GREEK LANGUAGE AND LITERATURE.

The aim is to acquire a living knowledge of the Greek language and a practical acquaintance with Greek life and thought. Facility in sight-reading as well as accurate familiarity with the laws of grammar is cultivated. Careful attention is given to the style of each author read and to the characteristic excellences of each. At the proper stage in the work, some time is devoted to text criticism. The courses form an integral unit and cover work in all departments of the literature.

Elementary Course.—White's Beginner's Greek Book.

Throughout the year, five hours.

Elective for Scientific Sophomores who have not taken Greek in preparation. This course will be found valuable on account of its help in Scientific nomenclature.

Course I.—Homer.—*The Iliad.* Books I.–III. Homeric Forms and Syntax. Prosody. *Fall term, four hours.*

Selected Passages from the Iliad or the Odyssey read as literature. Sight reading, The Homeric Question, Homeric Manners and Customs,

Winter term, four hours.

Lysias.—*Selected Orations.* Attic Syntax, Prose Composition, Sight Reading. *Spring term, four hours.*

Required of Classical Freshmen.

Course II.—Plato.—*Apology and Crito* or *Phædo.* Outline of Greek Philosophy. *Fall term, three hours.*

Sophocles.—*Œdipus Tyrannus* or *Antigone.* The origin and development of the Greek Drama. *Winter term, three hours.*

Demosthenes.—*De Corona* or the *Olynthiacs* and *Philippics;* or **Æschines:** *In Ctesiphontem.* The rise and development of Greek Oratory. *Spring term, three hours.*

Throughout the year: Jebb's Greek Literature, with lectures and assigned readings. Special topics in Greek History, Reading at sight.

Required of Classical Sophomores.

Course III—Thucydides.—*Selections.* The Greek Historians; or **Plato.**—*Protagoras.* *Fall term, three hours.*

Greek Drama.—*Æschylus' Prometheus Bound* and *Euripedes' Medea.* Meters of Greek Drama, Literary Influences of Greek Drama. *Winter term, three hours.*

Aristophanes.—*The Clouds.* Greek Comedy, Athenian life and manners. *Spring term, three hours.*

Throughout the year: Lectures and readings on Greek Archæology.

Elective for Classical Juniors.

LATIN LANGUAGE AND LITERATURE.

The ultimate aim of the department is, by entering into close sympathy with the spirit of the author and his language, to lead to an intelligent enjoyment of the masterpieces of Latin literature. To gain this, the student is encouraged from the first to acquire the ability to apprehend the thought in the form and order in which it is unfolded in the Latin sentence. The courses have been arranged so as to give a wide range in the reading of the important authors in each period and in each department of the literature. In Prose, courses will be offered in History, Philosophy, Rhetoric, and Epistolography,

with a careful study of the style and Latinity of each author and of his age; in Poetry, in Dramatic, Lyric, Satiric, Didactic, and Epic, with a study of the structure of the verse employed by each individual poet.

In *Course I.* the aim will be to strengthen and extend the foundations already laid, to fix the forms and simpler principles of syntax well in mind, to acquire a well-ordered and somewhat extensive vocabulary. Latin composition as a means of securing accuracy in linguistic knowledge receives special attention during this year. A careful study of the second Punic War is made, and all matters relating to the Roman life and belief, their manners and customs, are carefully explained.

In the courses which follow a wider scope is given the construction; the subject-matter is given greater prominence; private reading is added to the class work, that the student may be introduced to a wider range of works, and that the habit of private reading may, if possible, be fostered in him. The more difficult passages in each author selected for this purpose will be read in the class and commented upon. The language used by Plautus and Terence will receive careful attention, and variations in form and syntax from the usage of the classical period will be pointed out. In the case of Horace the mould in which he has cast his thoughts will be carefully studied, and the student will be expected to read aloud in such a way as to exhibit the thought clearly, while still following accurately the metrical scheme. In *Course III.* an opportunity is offered for the study of Roman Rhetoric and Roman Satire. In connection with this course a careful study is made of the life and manners at Rome under the Early Empire. The letters of Pliny are read as a proper corrective to the satirical temper of Tacitus, Juvenal, and Martial.

For Seniors who desire to continue their Latin studies two courses are offered, the one in the didactic poem of

Lucretius, the greatest of its kind in literature, the other, in the Æneid of Vergil, one of the greatest epics of the world. In the study of Lucretius the time will be occupied with a consideration of the poetical and literary side and with an exposition of his philosophical system. In the study of Vergil particular attention will be given to the growth and development of Epic poetry among the Romans. In the winter term the early writers in this field will be read, their general characteristics and influence discussed. In the spring term the Æneid is read rapidly and its general structure considered. Certain passages will be assigned for carefully written translations, and a certain amount of instruction given in methods of interpretation and text-criticism.

Course I.—Livy, Bks. XXI. and XXII. Cicero, *De Senectute* and *De Amicitia*. Translation at Sight and at Hearing. Prose Composition (Miller). The Second Punic War, Cornelius Nepos' Life of Hannibal. Wilkins' Roman Literature.

Throughout the year, four hours.

Required in Freshman year of all courses.

Course II.—*Class Work:* Plautus, *Captivi;* Terence, *Andria;* Horace, Odes, Epodes, and *Carmen Seculare*, Metres.

Private Reading: Plautus, *Miles Gloriosus;* Terence, *Phormio;* Catullus.

Lectures on the Roman Drama, and on Roman Life and Customs. *Throughout the year, three hours.*

Required in the Sophomore year of the Classical and Latin and Modern Language Courses.

Course III.—*Class Work:* Quintilian, Book X. and portion of Book XII. Juvenal, Selected Satires. Tacitus, Annals, I., II., and IV. *Private Reading:* Horace, Epistles, Book II. with *Ars Poetica;* Pliny, Selected Letters; Tacitus, *Germania*.

Lectures on the Growth and Development of the Roman Satire. General characteristics of the age as exhibited in the Life and Literature. *Throughout the year, two hours.*

Elective in Junior year of the Classical and Latin and Modern Language courses.

Course IV.—Lucretius, *De Rerum Natura*, Books I., III., and V. Study of his Style, Diction, and Philosophy.

Fall term, two hours.

Course V.—*Latin Epic Poetry.* A course of lectures on the general characteristics of the Latin Epos, the influences that effected and moulded it, the chief representatives of each period in its development. *Vergil:* the authors who exerted a marked influence upon his style and upon whom he drew for some of his materials; his influence upon Latin Literature. Readings from Merry's "Fragments of Roman Poetry." Critical and exegetical study of selected passages in the works of Vergil. (Students should provide themselves with Thilo's or Ribbeck's last edition.)

Winter and Spring terms, two hours.

Elective in Senior year of Classical and Latin and Modern Language courses.

HISTORY AND POLITICS.

Courses are offered in History and Politics throughout the Sophomore, Junior, and Senior years. The aim is to give to students such a knowledge of the facts and principles of history and politics as is essential to a liberal education and as will serve as a preparation for graduate studies in these sciences or for the study of law and journalism. The courses offered in history are confined to the mediæval and modern periods. The studies in mediæval history are preceded by a brief review of ancient history. Instruction is given by means of lectures, text-books, essays, oral and written reports on readings assigned students in standard authorities.

(A) COURSES IN HISTORY.*

Course I.—Outlines of European History, from 375 A. D. to the unification of the German Empire. This course continues throughout the Sophomore year and is required for admission to Courses II. and III. The work of the first half of the year is devoted to mediæval institutions and is based on Emerton's "Introduction to the Middle Ages" and "Mediæval Europe." Required readings are assigned in Fisher's "History of the Christian Church," and Adam's "Civilization of the Middle Ages."

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*One year's work in History is required in all courses. Students who cannot elect Course I. in the Sophomore year may do so in the Junior year.

The work of the last half of the year is based on Lodge's "History of Modern Europe." *Three hours.*

Course II.—The Renaissance and the Reformation.—This course continues throughout the Junior year. Lectures and text-book. The text-book work is based on Symond's "A Short History of the Renaissance" and Hauser's "The Period of the Reformation, 1517-1648." This course will be given in alternate years with Course III. *Three hours.*

Course III.—The French Revolution and Europe during the Nineteenth Century.—The first half of the year is devoted to the French Revolution and the Napoleonic Regime. Lectures and text-book. The text-book work is based on H. Morse Stephens' "European History, 1789-1815." The last half of the year is devoted to a study of England, France, Germany, and Italy since the Congress of Vienna. Lectures and reports by students on assigned readings. *Three hours.*

Course IV.—Senior year. The first half of this year is devoted to a study of England since the Reformation. Lectures and text-book. The text-book work is based on Green's "Short History of the English People" and required readings in Taswell-Langmead's "Constitutional History of England." The last half of this year is devoted to the Constitutional History of the United States from 1781 to 1861. Lectures and reports by students on assigned readings. *Two hours.*

(B) COURSES IN POLITICAL SCIENCE AND ECONOMICS.

Course I.—Comparative Politics.—This course continues throughout the Junior year and is historical as well as comparative in method. The first half of the year is devoted to a study of the State, its origin, development, forms and ends, and a study of the governments of ancient Greece and Rome and mediæval times. The last half of the year is devoted to a study of the development and a comparison of the present constitutions of England, France, Germany, and the United States. The work is based on Wilson's "The State," and Burgess' "Political Science and Comparative Constitutional Law." *Three hours.*

Course II.—Constitutional Law of the United States.—This course is given in the fall term of the Senior year. Its purpose is to give to students a knowledge of the general principles of the constitutional law of the United States, both national and statal. The work is based on the texts of Cooley and Von Holst. Besides the text-book work, a special examination of a few leading

cases is required of each student. The class work will be supplemented by lectures given by eminent lawyers on special topics. *Two hours.*

Course III.—Economics.—Outlines of the Science of Economics. Lectures and text-book. The text-book work is based on Gide's "Principles of Political Economy." Required in Senior year of all courses. *Fall term, four hours.*

Course IV.—Practical Applications of the Science of Economics to Social Problems.—Lectures, discussions, essays, and reports on assigned readings. Only students who have completed the work of Course III. are admitted to this course. Senior year. *Winter term, three hours.*

Course V.—International Law.—The work of this course is based on Woolsey's and Davis' "International Law." Special attention is given to the more important treaties since the Peace of Westphalia and to current international relations. Senior year. *Spring term, two hours.*

ENGLISH LANGUAGE AND LITERATURE.

The aim is to enable the student to acquire facility, correctness, and clearness in writing English. The courses in Rhetoric and Literature are correlated and are so conducted as to supplement one the other. Essays and extempore writing are required frequently. The work in Literature aims to develop careful study, as opposed to cursory reading, of the great masters of the language. The historical study of the literature is attended with wide reading and careful study of well chosen specimens of the best authors.

Course I.—Practical Rhetoric.—Discussion and Criticism of Essays prepared. Assigned readings in Literature. *Throughout the year, one hour.*

Required of Freshmen in all courses.

Course II.—Rhetoric.—The Science of Discourse. The development of a good individual style. Essays, Argumentation, Study of literary models, History of English Prose Literature, Genung's Practical Rhetoric and Minto's Manual of English Prose, Assigned Readings. *Throughout the year, three hours.*

Required of Sophomores in all courses.

Course III.—Old English.—(Cook's *First Book in Old English*) once a week. **Chaucer.**—General characteristics of his age. Special Study of the Prologue and Knight's Tale (Skeat's edition.)
Fall term, three hours.

Shakespeare.—Critical study of *Julius Cæsar* (Craik's English of Shakespeare). Analysis of other plays. Study of the technique of the drama (Freytag) and of English Versification (Gummere's Poetics). *Winter term, three hours.*

English Philology.—The origin and development of the English Language. Course based upon Lounsbury's *History of the English Language* (Revised Edition).
Spring term, three hours.
Elective in Junior year of all courses.

Course IV.—Lectures on English Literature.—Critical rather than historical treatment of great writers.
Fall and Winter terms, two hours.
Elective in Senior year of the Scientific Course and required in Senior year of the other courses.

Course V.—Science of Criticism.—Lectures on Æsthetics.
Spring term, two hours.
Elective in Senior year of all courses.

Course VI.—Science of Language.—The origin and development of Language. Outlines of Comparative Philology.
Spring term, two hours.
Elective in Senior year of the Classical and Latin and Modern Language courses.

ENGLISH BIBLE.

Two courses are offered in the study of the English Bible. The importance of these courses can hardly be overestimated. The English Bible ought to be recognized as a necessary study in the Christian college.

Course I.—The origin and history of the Bible and its literary characteristics. *Winter term, two hours.*
Elective in Senior year of all courses.

Course II.—Study in the books of the Bible.
Spring term, two hours.
Elective in Senior year of all courses.

EXPRESSION AND ORATORY.

The work in this department aims to cover the essential principles of expression with their application, not only to public speaking, but also to everyday conversation. The object is to teach plain, simple reading; properly adjusting vowels and consonants, in order to bring out the melody in our language, which is too often lost sight of in careless methods of speech. As many voices differ in physical structure, it has been found best to adapt the work to individual needs, each member of the class receiving special attention in correction of mannerisms and defects. Individuality is considered of the first importance, and the training is not only for a better expression of the thoughts of others, but to help the student to a clearer interpretation of his own impressions. The less technique employed to gain the ability to read intelligently, the better.

Course I. provides a remedy for self-consciousness and exhaustion in speaking, thus leading the student to comprehend the true value of expression in a liberal education.

Course I.—Fall Term.—Vocal Physiology. Breath control. Tone production and voice placing. Thorough drill in elementary sounds. Proper adjustment of vowels and consonants. Easy and distinct articulation. Talks on expression by instructor. Exercises to improve physical powers of expression. Essays on subject required. Special attention to mannerisms and vocal defects.

Winter Term.—Simple descriptive reading, colloquial style, Dickens, Hawthorne, etc. Natural modes of emphasis, inflection, quality, pause, time, etc. Melody in speech. Recitations with individual criticisms. Sight reading. Cultivation of imagination in rendition.

Spring Term.—Reading of more difficult prose and poetry. Analysis. Vocal culture with special reference to the conversational voice. Theory of motion,

Throughout the year, two hours.

Required in Junior year of all courses.

Course II —**Fall Term** —Work in analysis continued. Reading Shakespeare, Milton, Hugo, etc., with study of rendering. Lectures on Motion. Application of principles. Philosophy of expression as developed by Delsarte.

Winter Term.—Orators, ancient and modern compared. Orations required. Personality in delivery. Extemporaneous speaking. Bible and hymn reading.

Spring Term.—Expression and Literature. Co-operation of the agents of expression; voice culture; pantomimic expression as a means of interpreting thought and feeling as presented in literature.

Throughout the year, one hour.

Elective in Senior year of all courses.

MILITARY SCIENCE AND TACTICS.

All male students below the Junior Class are required to attend Military Instruction, unless excused by the Faculty of the College at the request of parents or guardians, or, if of age, at their own request. All requests for excuse should be submitted in writing to the Faculty, and should state the reason for making the request. Students who are excused from Military Instruction are required to take the same amount of work in some other department.

Practical Instruction.—The practical instruction in this department consists of drills of three hours in each week. The cadets are exercised and instructed during the year in the Infantry Tactics of the U. S. Army, comprising the School of the Soldier, the School of the Company, and the School of the Battalion; and in all ceremonies, forms, parades, and reviews and honors to be paid by troops. Instruction in Artillery is given in the School of the Soldier Dismounted, Manual of Piece, Mechanical Manœuvers, and the School of the Battery Dismounted. Breech-loading cadet rifles and accoutrements, and 3-inch wrought iron rifles, with all the necessary ammunition, are supplied by the Ordnance Department, U. S. Army. Instruction is also given in fencing, target practice, and the duties of guards and sentinels. The drills take place in the latter part of the afternoon, after the close of recitations, and should not interfere in the least with the study hours of the student.

Theoretical Instruction.—The course of theoretical instruction by recitation covers about the same ground as the practical instruction. For the first year, students are required to attend the practical in-

struction and lectures only. After one year's practical work, they are expected to attend two recitations per week in Infantry Tactics. In addition to the recitations, lectures on military subjects are given. The course of lectures includes the most important subjects of the Art and Science of War, Ordnance and Gunnery, and Field Fortifications.

Uniform, Etc.—All cadets are required to be provided with a uniform, of the pattern prescribed by the Faculty of the College, which will be worn on all drills, parades, etc., and at all practical military instruction. This uniform, which costs about $17.00 complete, need not be considered an extra expense, as the student must be clothed anyway, and not being striking in appearance, it can be worn on all occasions, and is habitually worn by a great many cadets. It is of good, serviceable cloth, and as a rule will wear much better than an ordinary business suit of the same price. To secure uniformity, it should be procured in Meadville.

A certain part of each day should be given up to physical exercise, and it is thought that military drill furnishes one of the most valuable means of exercise and at the same time gives a young man a tendency to hold himself in an erect, manly way, and teaches him habits of neatness, punctuality, obedience, self-control, and respect for superiors, which cannot be acquired with such facility by any other means. It teaches *manliness* when a young man most needs such teaching. At the same time the student is acquiring a valuable knowledge of military matters which may or may not be of use to him. Quite a number of graduates of this college are giving military instruction in other institutions, and in some cases the want of it has cost graduates good positions.

By the laws of Pennsylvania, a graduate who has taken military instructions for four years, and has held the rank of Cadet Captain for six months at a college to which an officer is detailed by the War Department of the Government, will, upon application, be appointed Brevet Second Lieutenant in the National Guard of the State.

The names of three graduates of the college most distinguished in Military Science and Tactics each year are published in the Official Register of the U. S. Army, and in General Orders of the Army. Such graduates would have a good basis for application for civil appointments as officers in the U. S. Army.

The military knowledge acquired can never come amiss, and in case of the United States being engaged in war, the advantages which would accrue from it would be incalculable. In taking military instruction the student assumes no legal obligations for military service thereafter.

The attention of parents and guardians is called to the value of this Department. While its first object is to instruct the student in the fundamental principles of Military Art, it also gives a mental and physical training which would strongly recommend its advantages to those responsible for the education of young men.

PHYSICAL TRAINING.

FOR YOUNG MEN.—The college is using a rented gymnasium, thoroughly equipped with necessary apparatus, bath rooms, and lockers. Regular class work in given under charge of a competent instructor provided by the college. It is recognized that the student needs systematic bodily culture under guidance, and the aim is to secure thorough, healthful, and regular physical exercise rather than special training for athletic contests. All students are urged to take advantage of this instruction.

FOR YOUNG WOMEN.—This subject is considered of the first importance, and every thing is done to promote and to maintain the health of young women.

There is an abundance of time for out-door exercise, but during those seasons of the year when this seems impracticable, two lessons a week are given in physical training. It is urgently recommended that the lesson be supplemented with practice on intervening days.

No apparatus is used. The health exercises consist mostly of breathing, relaxing, stretching, and free gymnastics. No special system is employed, but the most helpful exercises are selected from different ones, and applied to suit individual needs. Those taken from Delsarte's System of Oratory, combined with excellent movements from Ling, have brought the most gratifying results; and nearly every year the report comes to us, "Without the Health Exercises I am convinced I could not have finished my college course."

This is largely due to the fact that the student is taught *how to rest*, as a preparation for learning *how to exercise*. The nerve training is most beneficial, as it guards against

the too frequent error of gaining muscular development at the expense of nervous force. Believing that a well poised and well controlled body must have a reflex influence on the mind, the object in this course is to supplement mental training with physical training, thus sending out at graduation vigorous, graceful, and true women.

All ladies living in Hulings Hall are required to take the course, unless presenting a certificate from a physician. Those living in the town may avail themselves of the privilege.

LECTURES.

In addition to the regular work of the departments, special lectures are given during the year by members of the faculty on a variety of subjects related to the work of higher education. Many of these lectures are illustrated with fine stereopticon views, and hence are entertaining as well as profitable.

As in the year 1893-4, courses of lectures have also been given by men outside of the faculty. These courses have been of real service in the work of the college. They have been supplementary to the regular department work as done by the professors. The following is a list of the special lectures for 1894-5, with their subjects:

Rev. James Morrow, D. D.
I.—*A Pilgrim in Egypt.*
II.—*A Pilgrim in Palestine.*

Rev. E. A. Schell, Ph. D., D. D.
The Aristocracy of Youth.

Rev. J. N. Fradenburgh, D. D., LL. D.
A Course of Lectures on **Egyptology.**
I.—*Romance of the Spade.*
II.—*Packages of Letters Three Thousand Years Old.*
III.—*The University of Egypt; or, Moses at School.*

Rev. C. W. Smith, D. D.
My Double, and How to Deal With Him.

Vice Chancellor S. M. Beiler, Ph. D., D. D.

A Course of Lectures on **Socialism.**

I.—*A Review of Socialism.*

II.—*A Socialistic Theory.*

Rev. C. C. Albertson.

Hoosier Poetry.

Mr. Ned Arden Flood, A. B.

A Course of Lectures on **Present Economic Problems.**

I.—*Causes for the Existence of Present Economic Problems.* The Conditions of Modern Industrial Society. The Improved Conditions of Nineteenth Century Civilization. Economic Science and Present Day Problems.

II.—*Historic Socialism.* The Period of French Influence. Early English Socialism. The Period of German Influence.

III.—*Present Day Socialism.* Socialism Distinguished from Anarchism and Communism. Forms of Present Day Socialism. The Strength and Weakness of Socialism.

Rev. Russell B. Pope, D. D.

A Course of Lectures on **The Scriptures and Culture.**

I.—*The Place of the Bible in a Liberal Education.*

II.—*The Bible and Other Books; their Meeting and Parting.*

III.—*Culture Crowned in Christ.*

Similar courses of lectures are being provided for the scholastic year, 1895-6, and will be announced later. All these courses, though provided primarily for the benefit of the college students, are free to the public.

Schedule of Courses.

In the following courses at least one hundred eighty term hours must be completed for graduation. Forty-eight of these are required work in the Freshman year; not less than forty-five or more than fifty-one may be taken in the Sophomore year; not less than forty-two or more than forty-eight may be taken in the Junior year; and forty-two are to be taken in the Senior year. It will be noticed that if the minimum of work be taken in the Sophomore year, more than the minimum will be needed in the Junior year to complete the one hundred eighty term hours required for graduation. *By "term hour" is meant one hour a week for one term.*

Studies not marked elective are required. From the electives the student will select enough to amount to not less than the minimum or more than the maximum requirements of each term. All elections are subject to the approval of the faculty.

In the tables Arabic numerals denote the number of hours per week. Roman numerals refer to courses as detailed under Departments of Instruction.

Freshman Year.

All Studies Required.

	CLASSICAL.	SCIENTIFIC.	LATIN AND MODERN LANGUAGES.
Fall Term.	Latin I. 4. Greek I. 4. Mathematics I. 4. Zoology I. 3. English I. 1. Military Drill.	Latin I. 4. German I. 4. Mathematics I. 4. Zoology I. 3. English I. 1. Military Drill.	Latin I. 4. German I. 4. Mathematics I. 4. Zoology I. 3. English I. 1. Military Drill.
Winter Term.	Latin I. 4. Greek I. 4. Mathematics I. 4. Zoology I. 3. English I. 1. Military Drill.	Latin I. 4. German I 4. Mathematics I. 4. Zoology I. 3. English I. 1. Military Drill.	Latin I. 4. German I. 4. Mathematics I. 4. Zoology I. 3. English I. 1. Military Drill.
Spring Term.	Latin I. 4. Greek I. 4. Mathematics I. 4. Botany I. 3. English I. 1. Military Drill.	Latin I. 4. German I. 4. Mathematics I. 4. Botany I. 3. English I. 1. Military Drill.	Latin I. 4. German I. 4. Mathematics I. 4. Botany I. 3. English I. 1. Military Drill.

Sophomore Year.

The student must elect enough to make not less than fifteen or more than seventeen hours a week.

	CLASSICAL.	SCIENTIFIC.	LATIN AND MODERN LANGUAGES.
Fall Term.	Latin II 3. Greek II. 3. Chemistry I. 3. English II. 3. Military Drill. *Elective.* German I. 4. French I. 4. Mathematics II. 3. History I. 3.	Mathematics II. 3. Chemistry I. 3. Biology I. 3. English II. 3. Military Drill. *Elective.* Elementary Greek. 5. German II 4. History I. 3.	Latin II. 3. German II. 4. Chemistry I. 3. English II. 3. Military Drill. *Elective.* Mathematics II. 3. History I. 3.
Winter Term.	Latin II. 3. Greek II. 3. Chemistry I. 3. English II. 3. Military Drill. *Elective.* German I. 4. French I. 4. Mathematics II. 3. History I. 3.	Mathematics II. 3. Chemistry I. 3. Biology I. 3. English II. 3. Military Drill. *Elective.* Elementary Greek. 5. German II. 4. History I. 3.	Latin II. 3. German II. 4. Chemistry I. 3. English II. 3. Military Drill. *Elective.* Mathematics II. 3. History I. 3.
Spring Term.	Latin II. 3. Greek II. 3. Chemistry I. 3. English II. 3. Military Drill. *Elective.* German I. 4. French I. 4. Mathematics II. 3. History I. 3.	Mathematics II. 3. Chemistry I. 3. Biology I. 3. English II. 3. Military Drill. *Elective.* Elementary Greek. 5. German II. 4. History I. 3.	Latin II. 3. German II. 4. Chemistry I. 3. English II. 3. Military Drill. *Elective.* Mathematics II. 3. History I. 3.

Junior Year.

The student must elect enough to make not less than fourteen or more than sixteen hours a week.

	CLASSICAL.	SCIENTIFIC.	LATIN AND MODERN LANGUAGES.
Fall Term.	Physics I. 3. Elocution I. 2. *Elective.* Latin III. 2. Greek III. 3. German II. 4. French II. 4. English III. 3. Political Science I. 3. History II. 3.	Physics I. 3. Chemistry II. 3. Elocution I. 2. *Elective.* German III. 3. French III. 3. Mathematics III. 2. English III. 3. Political Science I. 3. History II. 3.	Physics I. 3. Elocution I. 2. *Elective.* Latin III. 2. German III. 3. French III. 3. Chemistry II. 3. English III. 3. History II. 3. Political Science I. 3.
Winter Term.	Physics I. 3. Elocution I. 2. *Elective.* Latin III. 2. Greek III. 3. German II. 4. French II. 4. English III. 3. Political Science I. 3. History II. 3.	Physics I. 3. Chemistry II. 3. Elocution I. 2. *Elective.* German III. 3. French III. 3. Mathematics III. 2. English III. 3. Political Science I. 3. History II. 3.	Physics I. 3. Elocution I. 2. *Elective.* Latin III. 2. German III. 3. French III. 3. Chemistry II. 3. English III. 3. History II. 3. Political Science I. 3.
Spring Term.	Physics I. 3. Logic I. 3. Elocution I. 2. *Elective.* Latin III. 2. Greek III. 3. German II. 4. French II. 4. Astronomy I. 4. English III. 3. Political Science I. 3. History II. 3.	Physics I. 3. Chemistry II. 3. Astronomy I. 4. Elocution I. 2. *Elective.* German III. 3. French III. 3. Mathematics III. 2. English III. 3. Logic I. 3. Political Science I. 3. History II. 3.	Physics I. 3. Logic I. 3. Elocution I. 2. *Elective.* Latin III. 2. German III. 3. French III. 3. Chemistry II. 3. Astronomy I. 4. English III. 3. History II. 3. Political Science I. 3.

Senior Year.

The student must elect enough to make fourteen hours a week.

	CLASSICAL.	SCIENTIFIC.	LATIN AND MODERN LANGUAGES.
Fall Term.	English IV. 2. Metaphysics II. 4. Political Science III. 4. *Elective.* Latin IV. 2. German IV. 3. French III. 3. Hebrew I. 4. History IV. 2. Constitutional Law II. 2. Elocution II. 1.	Physics II. 2. Metaphysics II. 4. Political Science III. 4. *Elective.* German IV. 3. English IV. 2. History IV. 2. Constitutional Law II. 2. Elocution II. 1.	English IV. 2. Metaphysics II. 4. Political Science III. 4. *Elective.* Latin IV. 2. German IV. 3. History IV. 2. Constitutional Law II. 2. Elocution II. 1.
Winter Term.	Geology I. 3. English IV. 2. Evidences of Christianity V. 3. *Elective.* Latin V. 2. German IV. 3. French III. 3. Hebrew I. 4. History IV. 2. English Bible I. 2. History of Philosophy III. 3. Political Science IV. 3 Elocution II. 1.	Physics II. 2. Geology I. 3. Evidences of Christianity V. 3. *Elective.* German IV. 3. English IV. 2. History IV. 2. English Bible I. 2. History of Philosophy III. 3. Political Science IV. 3. Elocution II. 1.	Geology I. 3. English IV. 2. Evidences of Christianity V. 3. *Elective.* Latin V. 2. German IV. 3. History IV. 2. English Bible I. 2. History of Philosophy III. 3. Political Science IV. 3. Elocution II. 1.
Spring Term.	Ethics V. 3. *Elective.* Latin V. 2. German IV. 3. French III. 3. Hebrew I. 4. Geology II. 3. Criticism V. 2. History IV. 2. English Bible II. 2. International Law V. 2. Science of Language VI. 2. Elocution II. 1.	Physics II. 2. Geology II. 3. Ethics IV. 3. *Elective.* German IV. 3. Criticism V. 2. History IV. 2. English Bible II. 2. International Law V. 2. Elocution II. 1.	Ethics IV. 3. *Elective.* Latin V. 2. German IV. 3. Geology II. 3. Criticism V. 2. History IV. 2. English Bible II. 2. International Law V. 2. Science of Language VI. 2. Elocution II. 1.

Engineering Department.

The object of this course—which is not parallel to the literary courses—is to fit young men for civil and mechanical engineering, and to furnish a sound business education. It is well known that the demand for engineers is much greater than the supply. Our graduates have hitherto secured employment immediately after graduation, and, although this department is only nine years old, some of its graduates have already advanced to honorable and profitable positions. The course is thoroughly practical and adapted not only to those who intend to practice engineering as a profession, but also to the wants of a class of students having only a common school education and desiring to fit themselves as soon as possible for some of the numerous new pursuits opened by modern invention and science.

PREPARATION.

The subjects required for admission to this department are :

Arithmetic, Algebra, Geometry, Descriptive and Physical Geography, Natural Philosophy, Physiology, English Grammar, Elementary Rhetoric, Elementary English Literature with Readings, United States History, Ancient History, Civil Government, Two Years' Work in French.

The nature and amount of the required work in these subjects is the same as for the regular courses, and will be found detailed on pages 21 and 22.

SCIENCE.

The courses are the same as in the regular Scientific course. The detailed work is fully described on page 25.

MATHEMATICS.

The courses are the same as in the regular Scientific course as detailed on page 29.

ENGINEERING.

Work in drawing and allied subjects is required for three years, beginning with Freehand Drawing and being completed in Architectural Drawing and Stereotomy. Study of Structures, Drafting, extended work in Surveying and Plotting, and all practical engineering subjects

are closely studied. All necessary instruments are provided and the student is thoroughly drilled in their use. This branch of the subject is made eminently practical in every particular.

GERMAN.

Two years' work is required in the Freshman and Sophomore years. For detailed statement see page 27.

ELECTIVE WORK.

In the Junior and Senior years, in addition to the required technical subjects, the students will elect work from the courses offered in English, History, Political Science, Philosophy, and other subjects. No subject can be elected, however, for which the student has not had satisfactory preparation.

The accompanying table exhibits the work of the department. The Roman numerals refer to courses of instruction as detailed on pages 24-39; the Arabic numerals refer to the number of hour recitations a week. The work through the first two years is all required. In the Junior and Senior years the student will elect enough work to make a total of not less than fourteen hours a week.

DEGREE.

On completion of the course the degree of Civil Engineer is conferred.

CIVIL ENGINEERING COURSE.

	FRESHMAN.	SOPHOMORE.	JUNIOR.	SENIOR.
Fall Term.	Freehand Drawing. 4. Mathematics I. 4. Zoology I. 3. German I. 4. Military Drill.	Drawing. 1. Descriptive Geometry. 4. Mathematics II. 3. Chemistry I. 3. German II. 4. Military Drill.	Topographical Drawing. 3. Physics I. 3. Chemistry II. 3. *Elective.* English II. 3. Mathematics III. 2. Biology I. 3. History I. 3. Political Science I. 3.	Railroad Engineering.* 4. Physics II. 3. *Elective.* English IV. 2. History II. 2. Political Science III. 4. Metaphysics II. 4. Constitutional Law II. 2.
Winter Term.	Mechanical Drawing. 4. Mathematics I. 4. Zoology I. 3. German I. 4. Military Drill.	Shades and Shadows. } 4. Perspective Drawing. } Mathematics II. 3. Chemistry I. 3. German II. 4. Military Drill.	Architectural Drawing. 2. Roads, Streets, and Pavements. 2. Physics I. 3. Chemistry II. 3. *Elective.* English II. 3. Mathematics III. 2. Biology I. 3. History I. 3. Political Science I. 3.	Bridges and Roofs.* 4. Physics II. 3. Geology I. 3. *Elective.* English IV. 2. History II. 2. Political Science IV. 3. History of Philosophy III. 3. English Bible I. 2. Evidences of Christianity V. 3.
Spring Term.	Descriptive Geometry. 3. Mathematics I. 4. Botany I. 3. German I. 4. Military Drill.	Machine Drawing. 5. Mathematics II. 3. Chemistry I. 3. German II. 4. Military Drill.	Civil Engineering.* 4. Physics I. 3. Chemistry II. 3. *Elective.* English II. 3. Mathematics III. 2. Biology I. 3. History I. 3. Political Science I. 3.	Stereotomy. 2. Physics II. 3. Geology II. 3. Astronomy I. 4. *Elective.* Criticism V. 2. History II. 2. International Law VI. 2. English Bible II. 2. Thesis on some Professional Topic.

*Not to be offered in 1895-6. Will be taught in 1896-7.

Preparatory Department.

GENERAL STATEMENT.

In response to a demand for a thorough course of study adapted to the preparation of pupils for entrance to college without loss of time, the Trustees in 1876 established the Preparatory School. The school is under the general supervision of the President and Faculty of the College, and the students are subject to the same regulations as college students.

Students who are nearly ready to enter college, prepared in some studies and behind in others, will usually gain time by availing themselves of the privilege of pursuing some studies in the Preparatory Department and some in the College. A whole year is often saved in this way.

ADMISSION.

For entrance to the Preparatory Department, students should have a thorough knowledge of Spelling, Descriptive Geography, Arithmetic, and the elements of English Grammar. Candidates for higher standing will be examined in the subjects pursued by the class to which they desire admission.

All students should bring certificates of good character from pastor or teacher, and present the same to the Principal. Certificates of studies pursued will be accepted from approved schools. No certificates will be accepted which are not made out on special blanks, which will be furnished on application.

REPORTS.

At the middle and end of each term, parents and guardians are furnished with statements of the conduct and class standing of pupils in this department.

Classical Course.

Sixteen hours a week are required.

	FIRST YEAR.	SECOND YEAR.	THIRD YEAR.
Fall Term.	Latin I. 5. Elementary Rhetoric. 3. Physiology. 4. U. S. History. 4.	Latin IV. 5. English I. 1. Algebra I. 5. Greek I. 5.	Latin VII. 5. English IV. 1. Algebra III. 5. Greek IV. 5.
Winter Term.	Latin II. 5. Physical Geography. 4. Ancient History I. 4. Elementary English Literature. 3.	Latin V. 5. English II. 1. Algebra II. 5. Greek II. 5.	Latin VIII. 5. English V. 1. Geometry I. 5. Greek V. 5.
Spring Term.	Latin III. 5. Elementary English Literature. 3. Ancient History II. 5. Civil Government. 3.	Latin VI. 5. English III. 1. Natural Philosophy. 5. Greek III 5.	Latin IX. 5. English VI. 1. Geometry II. 5. Greek VI. 5.

Scientific Course.

Sixteen hours a week are required.

	FIRST YEAR.	SECOND YEAR.	THIRD YEAR.
Fall Term.	Latin I. 5. Elementary Rhetoric. 3. Physiology. 4. U. S. History. 4.	Latin IV. 5. English I. 1. Algebra I. 5. Greek I. 5; or French I. 5.	Latin VII. 5. English IV. 1. Algebra III. 5. Greek IV. 5; or French IV. 5.
Winter Term.	Latin II. 5. Elementary English Literature I. 3. Physical Geography. 4. Ancient History I. 4.	Latin V. 5. English II. 1. Algebra II. 5. Greek II. 5; or French II. 5.	Latin VIII. 5. English V. 1. Geometry I. 5. Greek V. 5; or French V. 5.
Spring Term.	Latin III. 5. Elementary English Literature I. 3. Ancient History II. 5. Civil Government. 3.	Latin VI. 5. English III. 1. Natural Philosophy. 5. Greek III. 5; or French III. 5.	Latin IX. 5. English VI. 1. Geometry II. 5. Greek VI. 5; or French VI. 5.

Latin and Modern Language Course.

Sixteen hours a week are required.

	FIRST YEAR.	SECOND YEAR.	THIRD YEAR.
Fall Term.	Latin I. 5. Elementary Rhetoric. 3. Physiology. 4. U. S. History. 4.	Latin IV. 5. English I. 1. Algebra I. 5. French I. 5.	Latin VII. 5. English IV. 1. Algebra III. 5. French IV. 5.
Winter Term.	Latin II. 5. Elementary English Literature I. 3. Physical Geography. 4. Ancient History I. 4.	Latin V. 5. English II. 1. Algebra II. 5. French II. 5.	Latin VIII. 5. English V. 1. Geometry I. 5. French V. 5.
Spring Term.	Latin III. 5. Elementary English Literature II. 3. Ancient History II. 5. Civil Government. 3.	Latin VI. 5. English III. 1. Natural Philosophy. 5. French III. 5.	Latin IX. 5. English VI. 1. Geometry II. 5. French VI. 5.

DESCRIPTION OF THE WORK.

The following is an outline of the various branches of study.

LATIN.

I.--II.—First Latin Book, *Collar and Daniell.*

III.—Prose Composition, *Collar.*

IV.--V.—Selected Latin Readings, *Arrowsmith and Whicher.*

VI.—Cicero, Orations I. and II. against Catiline, *Kelsey.* Latin Prose.

VII.—Cicero, Orations III. and IV. against Catiline, Oration for Archias. Selected Letters.

VIII.—Vergil, Æneid, Books I. and II., *Greenough.* Prosody, Mythology.

IX.—Vergil, Æneid, Books III.–VI. Mythology.

GREEK.

I.--II.—Beginner's Greek Book, *White.* Special attention given to translation from English into Greek.

III.—Beginner's Greek Book, Xenophon, Anabasis begun, *Kelsey.*

IV.--V.—Xenophon, Anabasis, Books I.–IV.

VI.—Xenophon, Anabasis, Books V.–VII.

ENGLISH.

Elements of Rhetoric and Composition, *Hill;* English Literature, *Kellogg.* Critical readings from Shakespeare, Bacon, Milton, Goldsmith, Byron, Dickens, George Eliot, Macaulay, Tennyson, Irving, and Longfellow.

I.--VI.—Special work in composition based on readings from standard authors throughout the second and third years, one hour a week.

FRENCH.

I.--III—French Course, *Chardenal*; easy prose translation. French Reader, *Super*, or an equivalent.

IV.--VI.—Composition, *Blouet*; wide reading of prose fiction, conversation.

MATHEMATICS.

I.--III.—Algebra. Through Quadratics, *Wentworth's Complete.*

I.--II.—Geometry, Plane and Solid, *Wentworth.*

SCIENCE.

Physiology, *Walker.* Natural Philosophy with laboratory experiments, *Gage.* Physical Geography, *Eclectic.*

HISTORY.

United States History, *Johnston*. Civil Government, *Macy's* '*Our Government*." History of the Eastern Nations and Greece, *Myers*. Shorter History of the Roman People, *Allen*.

OTHER PREPARATORY SCHOOLS.

The following are regular preparatory schools for this college, and students holding certificates from them are admitted without examination.

PITTSBURG CONFERENCE.

BEAVER COLLEGE, BEAVER, PA.,
W. J. ALEXANDER, A. M., PRINCIPAL.

ERIE CONFERENCE.

CHAMBERLAIN INSTITUTE, RANDOLPH, N. Y.,
REV. E. A. BISHOP, A. M., PRINCIPAL.

EAST OHIO CONFERENCE.

WESTERN RESERVE SEMINARY,
REV. E. J MOORE, PH. D., PRINCIPAL.

General Information.

EXPENSES.

All students pay an incidental fee of $12 15 a term, and will not be enrolled in classes without the Treasurer's receipt.

In the Laboratory each student in Chemistry, Course I., pays $2.50 a term for use of chemicals and apparatus, and in Course II., $5.00.

The College does not provide room and boarding for young men, but the Faculty will render all possible aid to students in securing comfortable homes. Good furnished rooms can be secured, costing each occupant about sixty cents a week, the rooms to be taken care of by the owners and not by the students. The College can do no better for the students than to place them in private families, surrounded by the influences of a home life; and experience proves that herding young men in barracks is not the best way to secure their moral culture.

The most important item in the expenses of a student is the cost of living. Every effort has been made to reduce the living expenses as low as possible, and at the same time secure everything that is necessary for health and comfort.

The young men of the College may board in clubs or in private families; the latter costing about one-third more than the former. A club is simply an arrangement to divide the cost of table board among the boarders. It is a boarding house conducted on the co-operative principle. Provisions are bought at a discount, and expense is saved by increasing the number of boarders. The club is managed by a commissary, who receives and pays the money, makes all purchases, and employs the help. For this service he receives a small weekly payment from each member of the club. The commissary is always a student, and

several students work their way through college as commissaries. The cost of good table board is in this way reduced to from $1.90 to $2.30 per week. Provided the student have a room-mate, the estimate for the necessary expenses, based upon good club board, is as follows for a term of twelve weeks.

LOWEST.

Room Rent, Fuel, and Lights	$ 7 00
Table Board	23 00
Books	2 00
Term Fee	12 00
Total	$44 00

LIBERAL.

Room Rent, Fuel, and Lights	$15 00
Table Board	28 00
Books	7 00
Term Fee	12 00
Total	$62 00

To this must be added personal laundry and a small annual expense in the literary society to which the student belongs. As these estimates are based on actual cost, $55 per term is believed to be sufficient to cover the necessary expenses. Of course, we do not include in "necessary expenses" what students are sometimes inclined to spend on social privileges, concerts, oyster suppers, and the like. But an economical student can live on $55 a term and suffer no social disparagement; indeed, each year several students spend less than this and yet live comfortably. The only caste in the college is based on good conduct and good work.

Club Rules.—The club commissaries of the college have agreed upon the following rules:

1. Every member of the club must deposit $10 when he enters the club, and at the opening of every term.

2. Each member must also pay at the end of the first and second

months of each term the full amount of his share of the expenses for each month.

3. The deposit of $10 will be applied as far as may be needed to the expenses of the third month of the term.

These regulations are necessary to enable the commissaries to buy advantageously for cash, and to relieve members of all risks from bad debts. There are no profits; therefore there can be no losses. A student dismissed from one club for slackness in meeting his obligations will not be admitted to any other. The club system is worth at least forty dollars a year to each student. It is therefore to the interest of all to support the system by prompt payment.

HULINGS HALL.

A Home for Young Women—Allegheny College is a co-educational institution. Co-education is no longer on the defensive. Within the last few years many old and reliable institutions have opened their doors to young women on an equality with young men. Co-education is in the air. It is believed by many, however, that there are some features of the Woman's College which should be preserved in our educational system—among them the home idea. In our Hulings Hall we try to furnish an ideal educational home for young women. This Hall is in charge of a competent and accomplished Preceptress, who devotes her whole time to the interests of the home. Her influence is constantly felt in the social, moral, and religious development of the young women under her charge. In addition to the Preceptress we have a resident teacher. Her presence adds greatly to the advantages of the home.

Expenses of Young Women.—The expenses of young women are about the same as those of young men. They pay in Hulings Hall for furnished rooms, heat, and light, about the same rate as young men pay in private houses. Each should bring with her the following arti-

cles: Sheets, pillow cases, and bed covering; towels, napkins, knife, fork, and spoons. The rooms are furnished with beds, mattresses, pillows, chairs, and tables. The young ladies pay room rent at the beginning of each term, at the following rates: In the main corridors: If two occupy a room, each will pay $8 a term on the second floor; if one has a room exclusively, she will pay $12 a term. In the rear corridors: Two in a room, each will pay $5 a term; if one has a room exclusively, she will pay $8 a term. On the third floor each student will pay one dollar less than on lower floors. Permission to occupy rooms exclusively will be granted by the Preceptress when the number of furnished rooms is sufficient.

The total expenses for room, heat, light, and board will vary from $3.50 to $4.50 a week, depending largely on the location of the room and whether the student occupies a room alone.

REGULATIONS.—Young women not living at home or with relatives must live in Hulings Hall. Applicants for admission to the Hall are reminded that the purpose of residence there is not social but educational. They are supposed to be not children, but young women with fixed principles and elevated aims. The regulations are not artificial or arbitrary, but such as are considered essential to the ends for which the Hall is maintained. All proper freedom is accorded the residents, but the authorities of the College reserve the right to decide what "proper freedom" is. The idea of the Hall is a Christian educational home.

SELF HELP.

Young men help themselves in several ways. About twenty of the present students are paying their expenses in whole or in part. There are ten or twelve employed in light work connected with the College or the boarding clubs. Others are serving churches in the neighborhood of Meadville. It is the policy of the College to help stu-

dents to help themselves, and at the same time to keep the expenses as low as is consistent with comfort and health. As a rule, a student should have at least $100 in hand, or in prospect, when he enters; if he has pluck, health, and studious habits, he will usually be able to go through College.

THE MISS LINDLEY ENDOWMENT.

By the will of the late Miss Lucy Lindley, of Meadville, the College received the sum of ten thousand dollars, the interest of which is devoted to paying the term fees of students dependent upon their own efforts to obtain an education. Applications for aid from this fund should be made to the President. It should be understood, however, that only a few students can be aided in this way.

CANDIDATES FOR THE MINISTRY.

The College has educated a large number of ministers, and more than thirty candidates for the ministry are now in its classes. Arrangements are made to give such students as much of a special education as is consistent with the obtaining of a general education. After a solid foundation of disciplinary study has been laid, special study can be made useful; without the foundation the house will be built in vain. Some of the candidates for the ministry are employed in the pulpits of the adjacent country, and are supported by the churches in whole or part, while pursuing their studies. To a limited extent, the President is able to make loans without interest to promising candidates for the ministry. Loans have been made this way to about twenty students the present year. It is believed that a mature young man can safely and prudently contract a small debt to complete his education. But it is of the first importance that the candidates for the Christian ministry receiving such loans should regard them as debts of honor and conscience. The Col-

lege does not desire, by means of such loans, to impair the financial integrity of Christian ministers. On the other hand, a candidate for the ministry need have no hesitation about doing business on a business footing with the loan fund societies. In no case, however, will more than one-half of a young minister's annual expenses be loaned to him.

RELIGIOUS CULTURE.

The College was founded by Christian men for the promotion of Christian culture. It believes that education should always include, as its highest aim, the development of Christian character. It seeks to surround the student with such influences and helps as foster the religious life. Chapel services are held mornings in Ruter Hall, and all students are required to be present. Regular attendance on Sunday mornings at some church, selected by the student or his parents, is also required. A regular prayer meeting is held Wednesday evening of each week, lasting from 7 to 8 o'clock. Its results are manifest in the quickening and strengthening of many in the religious life. Prayer meetings, under the care of the Young Men's Christian Association, of the College, are held on Saturday evening of each week, in its rooms in Bentley Hall. On Sunday evening the Young Women's Christian Association holds its regular meeting in the parlor of Hulings Hall. The students' Christian Associations also conduct religious services weekly in several places in the city and surrounding region. In this way the students are brought into religious association and become interested in one another's religious welfare.

The religious influence of the College is not in any sense sectarian, but Christian. On the roster this year are representatives from fourteen Christian denominations.

The aim is to make the moral and religious life of the College such that the student will be under as helpful in-

fluences here in Meadville as he would be in his own Christian home.

THE WEEKLY HOLIDAY.

The sessions of the College are held on Tuesdays, Wednesdays, Thursdays, Fridays, and Saturdays, leaving Monday instead of Saturday for rest. This plan has been in use for the past ten years, and is greatly preferred by teachers and students. It is adapted to the wants of students in towns adjacent to Meadville—within forty or fifty miles—who desire to spend Sunday at home. The railroads furnish mileage tickets at reduced rates, and the clubs make a deduction for absence from the boarding tables. The cost of spending Sunday at home is in this way made small. This plan is commended to the attention of parents who may be so situated as to be able to avail themselves of its obvious advantages.

LITERARY SOCIETIES.

There are three Literary Societies: The Allegheny, Philo-Franklin, and Ossoli (the ladies' society). The Societies have their respective halls and libraries. The libraries contain about 3,000 volumes. The societies hold public literary exercises and prize contests in the Chapel. These societies render the College efficient service in the literary and forensic training of students, and the society friendships are invaluable to the members. The regular meetings are held on Friday evenings.

IMPORTANT REGULATIONS.

Excuses for Absence.—The President does not excuse any student from college duties. When it is necessary he will grant leave of absence, but the student must also obtain the assent of his instructors.

When special requests are made to the President they are understood to be made to the Faculty; and the proper form of such requests is a written application for the de-

sired excuse or favor, and this written request should set forth plainly the reasons for it.

EXAMINATIONS.—There will be three examinations of classes during the year. The first will be held on the last three days of the Fall term; the second on the last three days of the Winter term; the third will begin a week previous to commencement.

SPECIAL EXAMINATIONS.—Students desiring special examinations are required to make application for the same at least one month before such desired examination, and no student will be allowed more than three special examinations in one year.

NUMBER OF STUDIES.—No student can take work amounting to more than maximum requirements of his class without the special permission of the Faculty, upon written request. Such requests must be presented on or before the second Friday of each term. The action of the Faculty in each case will depend upon the student's health and his standing in other classes.

CLASSIFICATION.

The classification of the Catalogue is made in May of the last term of the college year, and gives the class rank for the year.

A student who has completed all preparatory work, or its equivalent, and thirty-six term hours of college work will be ranked as Freshman; when he has completed eighty-four term hours he will be ranked Sophomore; when he has completed one hundred thirty-two term hours he will be ranked Junior. But no student will be admitted to the Junior class until he has completed all preparatory work, and no student will be ranked Junior until he has completed Course I. of Mathematics.

DEGREES.

The degree of Bachelor of Arts is conferred upon those who complete, in a satisfactory manner, either of

the three courses, Classical, Scientific, Latin and Modern Languages.

The Degree of Master of Arts, in course, may be conferred on every Bachelor of Arts of three years' standing, who has completed a required amount of study, and prepared a satisfactory thesis on a subject to be selected by the Faculty. Applicants for this degree must present their theses as early as the 1st of May preceding Commencement.*

The degree of Civil Engineer is conferred upon those who complete the Engineering course.

Every person receiving a degree from the College will pay a fee of five dollars.

FORM OF BEQUEST.

"I hereby give, devise, and bequeath to Allegheny College, at Meadville, Penn'a, the sum of ——" (or such other property, real or personal, as may be described.)

Post Graduate Department.

(This Course is Now Discontinued.)

Those who are now pursuing the work will be given a reasonable time to complete it under the conditions in force at the time of their admission, and will be graduated as fast as they meet the requirements. This time will be limited, as it is desired to close up the work at the earliest possible date. No degrees will be conferred after June, 1897.

All correspondence should be addressed to the President of the College.

*This action will not be in force until after the commencement of 1897.

Register of Students.

COLLEGE.

Students whose names are followed by (E.) are in the Civil Engineering Course. The others are in the A. B. Courses.

SENIORS.

Berkhouse, Homer Milton, (E.)*	Meadville
Campbell, Clara,	Kane
Elliott, Alfred Cookman,	Geneva, Ohio
Fenno, Vena,	Union City
Frey, Jean,	Meadville
Homer, F. Leroy,	New Hamburg
Hovis, Will Forney, Jr.,	Wesley
Koester, Francis J.,	Meadville
Latshaw, David G.,	Meadville
Langley, Myrna C.,	Warren
Langston, Clarence A.,	San Francisco, Cal.
McKinney, Horace,	Meadville
McKinney, Thompson W.,	Winfield, Kansas
Mossman, William Templeton,	Greenville
Merchant, Frank Warren,	Sharon
Powers, Odell Hercules,	Chicago, Ill.
Robbins, Loren Leroy,	McKeesport
Roddy, Alice E.,	Meadville
Rose, Susan A.,	Meadville
Swearer, Wilbur C.,	New Kensington
White, Norris A.,	New Castle
Wood, Samuel Adino, (E.)	Grampian
Wright, J. Merrill,	Verona

JUNIORS.

Barber, Margaret Browning,	Meadville
Brisbin, Aldus Mead,	West Freedom
Chamberlain, Herman S.,	Krumroy, Ohio
Darling, Norman Addison,	Salisbury Center, N. Y.

*Deceased.

Davis, Millicent Marguerite, North Bloomfield, O.
Dunn, Arthur D., . . . Meadville
Frits, Frederick Norman, . . . Fredonia
Gage, George N., . . . Sheridan, N. Y.
Goodwin, Herman Wells, . . . Sunville
Harper, Gertrude, . . . Meadville
Ketner, Urban Goldeth, (E.) . . Saegertown
Kimm, Silas Conrad, . . . Salisbury, N. Y.
Kramer, Margaret Anne, . . . Oil City
Madden, N. B., . . . Huntingdon
Nutt, Sarah Jane, ... Meadville
Ohlman, Isaac Loeb, . . . Meadville
Pachejieff, John J., . . . Meadville
Pratt, William Henry, . . . Penn Station
Schiek, Samuel Peter, . . . Meadville
Slater, Frances Maud, ... Tidioute
Stackpole, Elbie G., . . . Venango
Townley, John Brown, . . Meadville
Trace, Letitia Estelle, . . . Meadville
Ward, Bertha Estella, . . . Dempseytown
Wilson, Wallace Alton, . . . Meadville

SOPHOMORES.

Appleby, Florence, . . . Meadville
Bascom, Blanche Elizabeth, . . Meadville
Bordwell, Charles Elwood, . . Bear Lake
Brison, Joseph Dickson, . . . Pittsburg
Calvin, Katherine, . . . Meadville
Douds, James Howard, . . Calvin's Corners
Douds, Robert Calvin, . . . Calvin's Corners
Fowler, Xenophon McKee, . . Tappan, O.
Fromyer, Matilda Margaret, . . North East
Gilmore, Lyle Donald, . . Blooming Valley
Goodwin, Edwin D., ... Diamond
Grant, George, ... Tarentum
Helmick, Guy Darwin, (E.) . . Kennedy, N. Y.
Higley, Oren, (E.) . . . . Meadville

Howe, Gertrude Isabel, . . Meadville
Johnson, Cyrus Victor, . . . Venango
Kent, Clare, (E.) . . . Linesville
Laffer, Nelle Elizabeth, . . . Meadville
Lindsey, Earl, . . . Jamestown, N. Y.
Maitland, Arthur Shippen, . . Oil City
McIntyre, Charles Alfred, (E.) . Hydetown
Norris, Grant, . . . New Millport
Porter, Charles Arthur, . . Meadville
Reeder, Charles Joseph, (E.) . . Edinboro
Schoenfeld, Julia, . . . Meadville
Smith, Edward Ellsworth, . . . Pulaski
Stelle, Charles Asa, (E.) . . Crossingville
Swaney, David Scowden, (E.) . . Meadville
Thompson, Arthur Webster, (E.) . Meadville
Thornton, Arthur William, (E.) . . Albion
Tobias, William Edmund, . . New Millport
Weatherby, Milton, (E.) . . Haddonfield, N. J.

FRESHMEN.

Armstrong, Herman Clifford, (E.) . Lisbon, O.
Barr, Joseph Wilson, . . . Oil City
Bissell, Marguerite Elizabeth, . . Union City
Bordwell, Theodore Ivan, . . . Bear Lake
Borland, Grace, . . . Busti, N. Y.
Calvin, Robert Baxter, . . Calvin's Corners
Campbell, Anna, ... Kane
Cole, Howard Norton, (E.) . Cornelian, O.
Colter, James Edward, (E.) . . Washington
Colter, Mary Culbertson, . . . Meadville
Confer, Mabel Gibboney, . . . Oil City
Cook, Ada May, ... Meadville
Cowell, George G., . . . Meadville
Curtis, Stilman Wilson, (E.) . . Tidioute
Darrow, Frank Tenney, (E.) . . . Corry
De Wolfe, Tensard Robert, . . Butler
Douglas, Lizzie Pamela, . . Conneautville

Fox, Charles James, (E.) . . Meadville
Gee, James McCreary, . . North Kingsville, O.
Graves, Homer Benton, (E.) . . Springboro
Haas, Eva Blanche, . . . Meadville
Harper, Walter Glenn, . . . Meadville
Hayes, Edna, ... Wattsburg
Henretta, James Edward, . . Harmonsburg
Hogate, Jessie May, . . Danville, Indiana
Illingworth, Charlotte Jane, . . Pittsburg
Irvin, Archibald L., (E.) . . . Meadville
Jones, Arthur David, (E.) . . Greenville
Jones, John, (E.) . . . . Sharon
Kincaid, Gerry Thaddeous, . . . Corry
Lefever, Clarence Homer, . . . Hayfield
Maxwell, Clara Maud, ... Oil City
McCarthy, John Joseph, (E.) . . Titusville
McCloskey, John Hugh, . . Meadville
McFarland, Harry S., (E.) . . Meadville
Mayers, Andrew J., . . . Hubbard, O.
Miller, Charles Haven, . . . Butler
Miller, Franklin Fletcher, (E.) . . Bruin
Mixsell, Frank Hill, . . South Bethlehem
Moore, Ernest Lamotte, (E.) . . Meadville
Moore, Olive Elizabeth, . . Summerville
Paisley, Margarete, . . . New Castle
Parsons, Page Waters, . . . Meadville
Popoff, Stephen S., . . . Meadville
Pugsley, Matthew Cooper, . New York, N. Y.
Rich, Inez, ... Cattaraugus, N. Y.
Rich, John Russell, ... Ridgway
Robbins, Lutellus Lyndley, (E.) . . McKeesport
Ryan, Timothy M., (E.) . McLallen's Corners
Smith, Walter Frank, . . . Goshen, Ind.
Stewart, Harry Sydney, . Jamestown, N. Y.
Stone, Ara Vincent, (E.) . . . Saegertown
Strattan, Harry Ferguson, . . Strattanville

Unger, Lee W., (E.) . . . Pittsburg
Wagner, Charles Simeon, (E.) . . Meadville
Walker, McBain, . . . Saybrook, O.
Wilkinson, John Wright, (E.) . . Meadville
Wilson, Ida May, ... Meadville
Wolfe, Robert Hormell, . . East Bethlehem
Wright, James Vernon, . . . Verona

SPECIAL.

Bates, Josephine M., . . . Meadville
Foster, Emma, ... Meadville
Shaffer, John Washington, . . . Franklin

PREPARATORY DEPARTMENT.

THIRD PREPARATORY.

Adams, William Blair, . . Punxsutawney
Allen, Clarence Buell, . . . Wattsburg
Andrews, Clarence Edward, (E.) . . Titusville
Bartholomew, Belle, ... Warren
Beardsley, Cassius Beeman, . . Meadville
Boal, James Record, . . . Cochranton
Bower, John Frederick, . . . Fredonia
Carnahan, Herbert Malvern, . . Harmony
Chapin, Albert Orlo, . . . Wattsburg
Clark, Daisy Juliana, . . . Meadville
Copeland, Mark Anson, . . . Girard
Crawford, Robert Kingsley, . Wilton Center, Ill.
Davis, James Warner, . . Frewsburg, N. Y.
Derickson, Donald, (E.) . . Meadville
Ellis, William James, . . . Sewickley
Faber, George Earle, . . . Cambridgeboro
Fordyce, Camilla Hamilton, . . Meadville
Foster, George Albert, (E.) . . Meadville
Gillett, Sherman Groo, . . Warwick, N. Y.
Graham, George Johnson, (E.) . . Jackson Center
Heintzelman, Bert Suter, . . Penn Station
Hickernell, Elmer Benjamin, . . Hickernell
Johnson, Emmet Elzer, . . . Meadville
Jones, Emerson Harvey, . Boomertown, N. Y.
Knapp, Clyde Shepard, . . . Titusville
Lindblom, John Ferdinand, . . Anita
Lockart, Adelaide Louise, . . . Meadville
Lowstuter, Will Jackson, . . Brownsville
McCord, James Benney, (E.) . . Meadville
McLaughlin, Frank Harry, . . Meadville
Mead, Carrie Luella, . . . Pittsfield
Miller, Melvin Jefferson, . . . Geneva
Miner, Sterling Cozad, . . . Mayfield, O.

Mumford, Aaron Weller, . . Meadville
Murray, Nellie, ... Union City
Perry, Earl Hunter Winfred, . Conneaut Lake
Phillis, Ellis Grant, . . . Spring Creek
Steele, Harry Keeler, . . . Brookville
Sturtevant, Paul, . . . Conneautville
Thompson, Wellwood DeWitt, . . . Clark
Weber, Fred Waterman, (E.) . . Meadville
Weir, Ralph, . . . Chautauqua, N. Y.
Wilhelm, Ina, ... Franklin

SECOND PREPARATORY.

Billings, Fred Claredon, . . Kennedy, N. Y.
Black, Boyd Emery, . . . Prosperity
Blair, Nina Elizabeth, . . . Meadville
Cooper, Samuel Alexander, . . . Erie
Davis, Charles Ross, . . . Pulaski
Davis, Ira Wilhelm, ... Osborn
Foster, William Harry, . . . Meadville
Gleisner, Edna Deborah, . . New Castle
Grimes, Fred Ralph, . . Hunter's Cave
Hites, John William Charles, . . Meadville
Hoover, Charles Wesley, . . . Loop
Horner, Burtt Arthur, . . . Stahlstown
Humeston, Edwin Alden, . . . Guy's Mills
Irons, Frank William, . . . Linesville
Johnson, William, (E.) . . Jamestown, N. Y.
Jolly, Delbert Leon, (E.) . . Rockland
Lofthouse, Walter Henry, . . . Meadville
Lytle, Marshall Blaine, . . . Washington
Maynard, May Blanche, . . . Meadville
McDowell, George Rockwell, . . Dicksonburg
Moench, Dorothy Christina, . Cattaraugus, N. Y.
Moore, Sara, . . . Parker's Landing
Morris, Minnie Elizabeth, . . . Meadville
Neff, Abner Reed, . . . Meadville
Pickett, Charles Wesley, . . Port Allegany

Porter, Harry Ami, ... Sturgis
Ray, Robert Meredith, . . . Meadville
Roberts, John Emery, ... Atlantic
Rockwell, Alfred Lane, . . . Union City
Schauweker, William Kemble, (E.) . Meadville
Sherred, Emma Blanche, . . . Venango
Sherred, Nellie Leora, . . . Cambridgeboro
Stoner, Elva Elizabeth, . . . Canton, O.
Van Camp, Clyde Frank, . . . Girard
Wilson, Ulysses Grant, . . . Meadville
Wintermute, Helen Irene, . . . Waring
Yelvington, Stephen Osborn, . . Forest City

FIRST PREPARATORY.

Andrews, Truman Othello, . . Atlantic
Blakeney, Daniel Niles Freeland, Middletown, N. Y.
Bunce, Charles L., . . . Meadville
Clemons, William Adolphus, . . Wayland
Comstock, Carl Crawford, . . Meadville
Davenport, George Harry, . . Meadville
Davenport, Harriet W., . . Meadville
Davis, Marie, . . . Reynoldsville
Dunkle, Gertrude Mabel, . . Morrison
Dunkle, Percy Bysshe Shelley, . . Morrison
Frank, Samuel Warren, . . Oil City
Goodrich, Merton Eugene, . Spartansburg
Greenlee, Ralph Stebbins, . . Rundells
Heydrick, Mabelle Anna, . . . Butler
Hillard, Jonathan Boone, . . Eau Claire
Hillier, Elizabeth, . . . Cooperstown
Hillier, Joseph, . . . Cooperstown
Hopkins, Howard Corwin, . . . Oil City
James, Thomas Elais, . . . Braddock
King, Jessie McCray, . . . Springboro
King, Verna Zylfa, . . . Lamartine
Lewis, Samuel Riddell, . Findley's Lake, N. Y.
Martin, David Lorenza, . . . Wesley

May, Lewis Arthur, . . . Forest City
McFarland, Edgar Presly, . . . Butler
McFarland, Frank Morrell, . . Meadville
McMichael, Lynn, . . . Stony Point
Mills, Samuel Long, . . . Kennard
Palmer, Jerome Ord, . . . Decker's Point
Phillips, Arthur Wendall, . . . Meadville
Richmond, George Winslow, . . Meadville
Sargeant, William Gaston, . . . Meadville
Shafer, David Philip, ... Custards
Shaffer, Harry Sweet, . . . Franklin
Stone, Harry Stephen, ... Franklin
Strattan, Custer Ferguson, . . . Strattanville
Tate, Philip Ennis, . . . Meadville
Todd, Samel Lewis, . . . Oil City
Walker, Carl Desmond, . . Bear Lake
Walter, John, Jr., ... Black Ash

UNCLASSIFIED.

Blodgett, Frances Lucelia, . . Youngsville
Brown, George McCabe, . . Conneautville
Cowan, Lillian Amelia, . . . Apollo
Davis, Effie Mae, . . . Monongahela
Gunn, Lottie, ... Springboro
Hartung, Fred Abraham, . . . Harmony
James, Horace Greeley, . . . Bradford
Johnson, Eva, ... Kellettsville
Lattin, Georgia, . . Cattaraugus, N. Y.
McCloskey, Florence, . . New Waterford, O.
McCracken, Sarah Elizabeth, . . . Oil City
Norris, Sophia Anna, . . . Woodcock
Smith, Genevieve, ... Corry
Smith, Mary Scott, ... Cochranton
Stevenson, Fannie B., . . . Conneaut, O.
Storey, Josephine Marguerite, . North Clarendon
Wann, Minnie May, . . . Tylersburg

Summary of Students.

COLLEGE:—

Seniors	23	
Juniors	25	
Sophomores	32	
Freshmen	60	
Special	3	
	—	143

PREPARATORY:—

Third year	43	
Second year	37	
First year	40	
Unclassified	17	
	—	137
Total		280
Post Graduate		52
Total		332

STUDENTS IN AFFILIATED INSTITUTIONS:—

Conservatory of Music	245	
Business College	204	
	449	
Deduct students counted twice	25	
Total	—	424
Grand Total		756

Degrees Conferred June 28, 1894.

BACHELOR OF ARTS.

Bascom, Elvira L.,
Byerly, Minnie,
Calvin, Arthur J.,
Calvin, Florence,
Dickson, Eva B.,
Douds, William Sherman,
Edson, Amanda,
Fritchman, Elizabeth,
Jaynes, Edwin W.,
Mount, Winnifred,
Murphy, William R.,
Pachejieff, Kosta J.,
Pickard, Ray F.,
Scott, Flossie Eleanor,
Staples, Arthur,
Stilson, William Earl,
Urick, Mary E.,
Virtue, Clare Wellington.

CIVIL ENGINEER.

Arthur, Urie Nelson,
Harrop, Harry Stuart,
Jagomast, Francis Joseph,
McElroy, Fred W.,
Reed, Edwin Downing,
Smith, Edward V.

MASTER OF ARTS PRO MERITO.

Joseph B. Ross,
James Whitaker,
George Trach.

MASTER OF ARTS IN CURSU.

Manley O. Brown,
Virginia A. Davis,
Simpson Horner Wood,
Lavina Gertrude Household,
Alvin Oren McClelland,
George Harris Lamb,
Robert Thompson Adams,
Homer David Whitfield.

DOCTOR OF PHILOSOPHY.

Theophilus S. Devitt,
Walter Mitchell,
Barger F. Rowland,
Samuel B. Cooper,
Elliott S. White,
Joel Martin.

DOCTOR OF DIVINITY.

Camden M. Cobern,
James C. Murray.

DOCTOR OF LAWS.

Joseph Horner.

INSTITUTIONS

CO-OPERATING
WITH

ALLEGHENY

COLLEGE.

Meadville Conservatory of Music.

MRS. JUVIA O. HULL, Director.

Faculty of Eleven Instructors.

GENERAL DESCRIPTION.

At the annual meeting, Juue 23, 1886, the trustees of Allegheny College authorized the affiliation of the Meadville Conservatory of Music with the College. Each of the institutions remains under its own management, having separate charters and boards of trustees, but students in each may avail themselves of the advantages of the other. Students in the Preparatory School may also study music in the Conservatory.

Broad Culture Afforded.—The Meadville Conservatory of Music was established for the purpose of affording superior advantages for the study of Music in all its higher branches. The courses of study pursued are similar to those of the successful schools of Music in Europe and America, and are calculated to make cultured, thoroughly competent, and skillful musicians of the graduates; also to give them a system of school for their use when they in turn wish to become professional teachers.

DEPARTMENTS AND SCHOOLS.

The Conservatory of Music has the following departments and schools: Piano, Organ, Formation and Cultivation of the Voice, Violin, Orchestra, Quartet and Ensemble Playing, Orchestral and Band Instruments, the Art of Conducting, Harmony, Composition, Theory, Orchestration, Church Music, Oratorio and Chorus Practice, Training of Music Teachers for Public Schools and Conventions.

Pipe Organ.—In 1893 a magnificent new Vocalion organ, of large size, from the manufactory of Mason &

Risch, Worcester, Mass., was added to the equipment of the Conservatory, and is available for lessons and practice. Full details in the Catalogue of the Conservatory of Music, to be had on application to Mrs. Juvia O. Hull, Director, Meadville, Pa.

A detailed outline of the courses of the several schools of Music can be had on application to the Director for the *Conservatory Catalogue*.

LESSONS.—Pupils may receive two lessons in each branch of Music per week in the regular graduating courses. The Conservatory term consists of ten weeks (twenty lessons). No deduction for lessons missed.

Pupils may enter the Conservatory at any time, but if possible, it is always better to commence with the new term.

FOUR YEARS' COURSE.—The course comprises four years' work, and is divided into grades of three divisions, namely: Preparatory, Intermediate, and Advanced.

Pupils are received into any division or grade which upon examination they may be qualified to enter.

LADY STUDENTS' HOME.—Ladies studying Music only are admitted to Hulings Hall on the same terms as other lady students.

DIPLOMAS.—Diplomas are given the graduates of the different courses, signed by the President of the Faculty, Director of Music, and teachers of the various departments from which they are graduated.

RATES OF TUITION.

For private lessons per term of ten weeks, two lessons per week, payable in advance:

PIANO,	1st and 2d grades	$ 15.00
	3d, 4th, and 5th grades	20.00
	Beginners, two in class, two lessons per week, (or, $10 each for term of 20 lessons)	20.00
VOICE,	Private Lessons	20.00
CABINET ORGAN,	1st and 2d grades	15.00
	3d, 4th, and 5th grades	20.00
Pipe Organ,		20.00

Violin,	1st and 2d grades	15.00
	3d, 4th, and 5th grades	20.00
Banjo and Guitar		15.00
Concert,	1st and 2d grades	15.00
	3d, 4th, and 5th grades	20.00
Harmony,		20.00
Harmony, class of four,		15.00
Theory of Music, class of four		15.00
Counterpoint,	" "	15.00
Composition,	" "	15.00
Orchestration,	" "	15.00
Estimated expense per term for music used, about		5.00
Rent of Piano, one hour per day, per term		3.00
Rent of Pipe Organ, one period, 40 minutes per day, per term,		7.50
Rent of Pipe Organ, two periods, 80 minutes per day, per term,		15.00

DEPARTMENT OF ART.

There are thorough courses of study in Drawing and in Painting in Oil and in Water Colors. For students of sufficient advancement, a class in Drawing from Life will be formed. There will be additional classes in Sketching and in Decorative Art.

The principles and practice of Art will be taught chiefly through the study of Antique Sculpture. On passing a satisfactory examination in this, students can enter other classes.

The studio is fully equipped with the finest full-sized casts of antique statuary, with studies drawn or painted from nature, etc.

RATES OF TUITION IN ART.

For term of ten weeks, two lessons per week, payable in advance :

Painting in Oil or in Water Colors, and use of Studio 3 hours daily	$10.00
Painting on China, and use of studio 3 hours daily	10.00
Sketching	5.00

Meadville Business College.

Established 1865.

The Meadville Business College is an independent institution in which the students of the Preparatory School of Allegheny College may pursue business branches with special branches. The rooms are large and elegantly furnished with banks, postoffice, etc., and all modern improvements, and are lighted by electricity, and heated by natural gas.

A complete course and diploma given in Ellis' New Business Practice, which teaches Business by doing Business from the start, Bookkeeping, Banking, Pitman, Dement, and Pernin Shorthand, Typewriting, Commercial Law, Telegraphing, Penmanship, Rapid Reckoning, and Normal English.

Expenses one-half less than at any similar institution in the country.

Students can commence at any time.

The principal of each department has had from ten to thirty years' experience in teaching the branches under his supervision.

Good paying positions secured for graduates.

A discount of 50 per cent to all students of Allegheny College.

Send for the new illustrated catalogue. Enclose two cents in stamps and address

SMITH & CAMPBELL,
MEADVILLE, PA.

CALENDAR FOR 1895-96.

June 20, 21, 22, 1895, . . Examinations
June 23, 10:45 a. m., . . Baccalaureate Sermon
By President William H. Crawford, D. D.
June 23, 7:45 p. m., . Annual Sermon before College Y. M. C. A.
By the Rev. George E. Reed, D. D., LL. D., President of Dickinson College.
June 24, 2:00 p. m., . . . Field Day
June 24, 8:00 p. m., . Inter Society Contest
June 25, 10:00 a. m., . . Class Day Exercises
June 25, 3:00 p. m., Annual Meeting of Board of Control
June 25, 8:00 p. m., . . Class Day Address
By Prof. H. H. Boyesen, of Columbia College.
June 26, 9:30 a. m., Annual Meeting of Board of Trustees
June 26, 2:30 p. m., . Meeting of Alumni Association
June 26, 8:00 p. m., . . . Alumni Address
By Hon. N. E. Worthington, '55.
June 27, 10:00 a. m., Commencement Exercises. Eightieth Anniversary Greetings. Addresses by Bishop Andrews and Bishop Vincent. Commencement address by Hon. William McKinley.

SUMMER VACATION.

September 17, Tuesday, 9:00 a. m., . Fall Term Begins
December 12, Thursday, . . Fall Term Ends

WINTER VACATION.

January 2, 1896, Thursday, . Winter Term Begins
January 30, Thursday, . Day of Prayer for Colleges
March 19, Thursday, . . . Winter Term Ends

SPRING VACATION.

March 31, Tuesday, . . Spring Term Begins
June 25, Thursday, . . . Commencement

1895

TRIENNIAL CATALOGUE

OF

Allegheny College

FOUNDED 1815 · CHARTERED 1817

Officers of the College.

PRESIDENTS OF THE BOARD OF TRUSTEES.

Accessus.		*Exitus.*
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1818	Hon. JESSE MOORE.	1819
1819	PATRICK FARRELLY, Esq.	1820
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1827	Hon. HENRY SHIPPEN.	1830
1830	JOSEPH MORRISON, Esq.	1845
1845	Hon. DAVID DERICKSON.	1874
1874	ALEXANDER BRADLEY.	

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Accessus.		*Exitus.*
1817	Rev. TIMOTHY ALDEN, D. D.	1833
1833	Rev. MARTIN RUTER, D. D.	1837
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1888	Rev. WILBUR G. WILLIAMS, D. D.	1889
1889	Rev. DAVID H. WHEELER, D. D., LL. D.	1893
1893	Rev. WILLIAM H. CRAWFORD, D. D.	

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Accessus.		*Exitus.*
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1833	Rev. HOMER J. CLARK, D. D.	1837
1837	Rev. MATTHEW SIMPSON, D. D.	1839
1839	Rev. JOHN BARKER, D. D.	1847
1847	Rev. GEORGE W. CLARKE, D. D.	1855
1855	Rev. CALVIN KINGSLEY, D. D.	1857
1857	Rev. LORENZO D. WILLIAMS, A. M.	1863
1863	Rev. JONATHAN HAMNETT, D. D.	1885
1885	Prof. GEORGE W. HASKINS, A. M.	1886
1886	Rev. N. LUCCOCK, D. D.	1888
1888	Rev. D. H. WHEELER, LL. D.	1889
1889	Prof. JAMES H. MONTGOMERY, Ph. D.	

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Accessus.	PROFESSORS.	*Exitus.*
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1829	Rev. DAVID McKINNEY, D. D.	1830
1829	REYNELL COATES, M. D.	1830
1833	Rev. MARTIN RUTER, D. D.	1837
1833	Rev. HOMER J. CLARK, D. D.	1847
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1837	Rev. GEORGE W. CLARKE, D. D.	1855
1838	Rev. R. T. P. ALLEN, A. M.	1843
1839	Rev. JOHN BARKER, D. D.	1860
1840	Rev. CALVIN KINGSLEY, D. D.	1857
1840	Rev. MOSES CROW, D. D.	1841
1845	Rev. JONATHAN HAMNETT, D. D.	
1846	Rev. LORENZO D. WILLIAMS, D. D.	1863
1855	Rev. ALEXANDER MARTIN, LL. D.	1864
1856	Rev. WILLIAM HUNTER, D. D.	1871
1861	Rev. GEORGE LOOMIS, D. D.	1874
1863	Rev. JAMES MARVIN, D. D., LL. D.	1875
1863	JEREMIAH TINGLEY, Ph. D., LL. D.	1886
1864	Rev. AMMI B. HYDE, D. D.	1884
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1875	GEORGE W. HASKINS, A. M.	1886
1875	Rev. LUCIUS H. BUGBEE, D. D.	1882
1877	First Lieut. F. W. HESS, U. S. A.	1880
1880	First Lieut. GEORGE O. WEBSTER, U. S. A.	1884
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1885	Rev. N. LUCCOCK, D. D.	1888
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1886	S. E. STILLWELL, Ph. D.	1889
1886	EMILY F. WHEELER, A. M.	1887
1887	First Lieut. J. F. KREPS, U. S. A.	1890
1889	J. W. THOMAS, A. M., Ph. D.	
1889	JAMES S. TRUEMAN, Ph. D.	1892
1889	JOHN C. FIELDS, Ph. D.	1892

1890	SECOND LIEUT. JOHN K. CREE, U. S. A.	1893
1890	W. T. DUTTON, C. E.	
1892	WILLIAM A. ELLIOTT, A. M.	
1893	REV. WILLIAM H. CRAWFORD, D. D.	
1893	SEC. LIEUT. FRANCIS J. KOESTER, U. S. A.	

Accessus.	INSTRUCTORS.	*Exitus.*
1877	WILBUR G. WILLIAMS, A. M.	1882
1877	J. H. MONTGOMERY, A. M.	1885
1880	HARRIET A. LINN, A. M.	1883
1884	REV. ALEXANDER W. NEWLIN, A. M.	1888
1884	LOUISE S. McCLINTOCK, A. M.	1886
1886	REV. ALBERT E. COLGROVE, A. M.	1889
1887	WILLIAM S. TWINING, C. E., A. B.	1890
1888	REV. JOHN H. MILLER, A. M.	1889
1888	MARY E. BROAS, A. M.	1889
1889	WILLIAM A. ELLIOTT, A. M.	1892
1889	GRACE I. FOSTER, A. M.	1891
1890	JAMES S. GIBSON, A. M.	1891
1890	ELLEN W. LAFFER, A. M.	
1890	M. BLANCHE BEST.	
1891	CHARLES S. JEWELL, A. M.	1894
1892	CLARENCE F. ROSS, A. M.	
1892	CALVIN L. WALTON, A. M.	
1894	MARIANA YOUNG, A. M.	

Alumni.

The co-operation of the Alumni is asked to keep this list as correct as possible. Send additional information to the Secretary of the Faculty.

*Deceased.

1821.

Timothy J. F. Alden, A. M.*
Thobert W. Alden, A. M.*
David Derickson, A. M., LL. D.*
Alexander M. White, A. M., M. D.*

1824.

David M. Farrelly, A. M.*

1826.

James L. A. Crary, A. M.*
John W. Farrelly, A. M.*
William B. Fordney, A. M.*
Charles B. Power, A. M.*
Oliver A. Taylor.*

1831.

Bradford R. Alden.*
James G. Wilson.*

1834.

James M. Ellis.*
Thomas Van Horne, A. M.*
Philander S. Ruter.*

1835.

George W. Clarke, A. M., D. D.*
William H. Davis, A. M.*
William McMichael, A. M.*
Orloff A. Zane.*

1836.

Cyrus Nutt, A. M., D. D.*

1837.

Lewis Burton, A.M., D. D.*
R. W. Lauck, A. M., Brook County, West Virginia
Joseph Morrison, Jr.*
John McMaster, A. M., Retired Minister, Erie
William Reynolds, A. M., Attorney, Meadville
George White, A. M.*

1838.

Edward A. Bryson, Belmont, Ohio
Jabez A. Burton.*
Milton C. Canfield, A. M., Chardon, Ohio
Joseph Gist, A.M., M. D., Independence, West Virginia
Henry Shippen, A. M.*
Joseph Uncles, A. M.*

1839.

William Baldwin.*

William H. Barris, A. M., D. D., P. E. Rector, Davenport, Iowa
Orson W. Bennett, A. M., . . . Jackson, Michigan
William Larrabee Callender, A.M., Attorney, Victoria, Texas
P. A. Farelly.* . . . . .
C. A. Frazee, ... Mississippi
Joshua Gist, A. M., M. D., . Independence, West Virginia
Jonathan Hamnett, A. M., D. D., Librarian, Allegheny College, Meadville
Francis H. Pierpont, A. M., Attorney, Ex-Gov., Fairmont, W. Va.
James M. Plant, ... Kinsman, Ohio

1840.

M. R. Atkins, A. M.* . . . . .
A. E. S. Bailey.* . . . . .
John H. Bailey, A. M., . . . Perry, New York
Gordon Battelle, A. M.* . . . .
Benjamin Bassell, Jr.* . . . . .
J. P. Brawley, A. M.* . . . . .
Moses Crow, A. M., D. D. * . . .
Darwin A. Finney, A. M.* . . .
Francis A. Hall, A. M., ... Kentucky
J. B. Johnson, A. M.* . . . . .
W. A. Kelley, ... Venango County
Johnson Pearson, A. M., Attorney, . . . Mercer
M. G. Porter, ... Venango County
J. G. Stewart, A. M., M. D.* . . .
J. J. Sikes, M. A., ... California

1841.

Richard N. Allen, ... Texas
Charles W. Bailey, A. M., . East Rockingham, W. Va.
William S. Baird, A. M., ... Salem, Ohio
Orville Babcock, ... Ashtabula, Ohio
Samuel N. Callender, A.M., D.D., Secretary Board Foreign Missions, . . . Mechanicsburg
Selden S. Cooke, Attorney, . . Chillicothe, Ohio
Charles A. Derickson.* . . . . .
William K. Galley.* . . . . .
Calvin Kingsley, A. M., D.D.* . . . .
Ebenezer B. Lane, A. M.* . . . . .
Almiran G. Miller * . . . . .
Victor M. Rice, A. M.* . . . . .
Robert J. White, A. M.* . . . . .

Charles Woodruff, A M., Editor, . . Ypsilanti, Mich.
Napoleon B. Youngs.* . . . .

1842.

W. V. P. Blakeslee, ... Erie
George F. Brown, A. M.* . . .
C. W. Callender, A. M.* . . . .
John H. Davis.* . . . . .
G. B. Hawkins, A. M.* . . .
William S. Harris, ... New York
Reuben G. Webb, ... New York
Peter Wright, ... Philadelphia
Samuel Woods, LL.D., Judge Supreme Court, Phillippi, W. Va.

1843.

George E. Appleton, A. M. . . . . Birmingham
Martin S. Harmon.* . . . . .
David S. Morris, ... New Castle
R. J. Powers, A. M., ... Pittsburg
Benjamin F. Stowe.* . . . . .

1845.

Rodney Norton, Jr., ... Cedar Falls, Iowa
Hezekiah Reeder, ... Kentucky

1846.

David Bain, A. M.* . . . .
G. W. K. Gibbons.* . . . .
W. McC. Groff.* . . .
Alexander Hunt, A. M., ... Osage, Iowa

1847.

William A. Davidson, A. M., D.D.* . .
Sanford Hunt, A. M., D.D., Methodist Book Concern,
150 Fifth Ave., New York City
Egbert A. Jackson, Farmer, . . Gallipolis, Ohio
Alexander Martin, A. M., D.D., LL. D.* . .
Samuel H. Nesbit, A. M., D.D.* . .
George T. Pearson.* . . . .
Benjamin B. Pickett, A. M., Attorney, . . Meadville
Charles B. Stevens, A. M., . . . Beecherville, Ohio
George Williamson, A. M.* . . . .
John B. Williamson, A. M.* . .

1848.

William Annesly, ... Albany, New York
William Bailey, A. M., ... Ohio
Robert Hays, A. M., ... Highland, Ohio
E. G. Huston, A. M.* . . . .
E. P. Jones, Attorney, ... Pittsburg
W. D. McGowan, A. M., M. D., . . . Pittsburg
J. W. Porter, ... Mercer County
William Swisshelm, A. M., ... Pittsburg
Marvin Warren, ... Bellefontaine, Ohio
James W. Wilson, A. M., . . . Nunda, New York

1849.

James Greer, A. M.* . . . .
O. N. Hartshorn, A. M., LL. D., . . Boulder, Colorado
Moses Hill, A. M., D. D., . . . Kalamazoo, Michigan
Alfred Keeling, A. M., D. D.* . . . .
Henry O. Lakin, A. M.* . . .
J. K. Lee, A. M., M. D.* . . . .
George L. Little, A. M.* . . .
D. A. McCready, A. M.* . . .
James Pollock, A. M., Attorney, . . . Athens, Ill.
R. W. Williams.* . . . .

1850.

R. Wesley Black, A. M., Minister, . . Washington, D. C.
James C. McNight, A. M., . . . Pennsylvania
T. C. McCormick, ... Cadiz, Ohio
John Randall, A. M., ... Waterloo, Iowa
Josiah Robbins.* . . . . .
Washington Robinson, A. M.* . . .
Solomon Schoyer, Jr., A. M., Attorney, . . Pittsburg
Silas Searl, A. M.* . . . .
C. W. Smith, A. M.* . . . .
Alexander Stacey.* . . . .

1851.

Adam Beck.* . . . . .
A. J. Brown, ... Pennsylvania
I. O. Chapman, A. M. * . . . .
George Washington Clarke, A. M., Ph. D., Vice President Mt. Union College, . . Alliance, Ohio
John Y. Cowhick, A. M., . . . Cheyenne, Colorado

Lathrop S. Ellis, A. M., M. D., . . Manistee, Michigan
William G. Hobbs, . . Wheeling, West Virginia
H. C. Huston.* . . . . .
James Marvin, A. M., D. D., LL. D., Pastor M. E. Church, ... Lawrence, Kansas
R. C. Parsons, A. M., . . . Salem, Massachusetts
Aaron Sullivan, A. M.* . . . .
Silas E. Warren, ...
George D. Wooden, ... Iowa City, Iowa

1852.

Simon S. Burton, A. M., Pastor M. E. Church, . Kennard
J. N. Caldwell, A. M.* . . . .
Rufus Cooley, A. M.* . . . .
John H. Croxton, A. M., ... Salem, Ohio
J. E. Cummings, A. M.* . . .
William Hamilton Doughty, A. M., Ypsilanti, North Dakota
John F. Duncombe, A. M., LL. D., Attorney, ex-State Senator, ... Fort Dodge, Iowa
William Thompson Dunn, A. M., Business, . Allegheny
Henry Marcius Farr, A. M., M. D., . . Mt. Pleasant, Iowa
Samuel F. Gard, A. M., . . New Orleans, Louisiana
Christopher Heydrick, A. M., LL. D., ex-Justice Supreme Court, ... Franklin
Cyrus Kurtz Holliday, A. M., Banker, . . Topeka, Kansas
John J. Keel.* . . . . .
Elijah Knox, A. M., ... North Carolina
Albert L. Long, A. M., D.D., Professor in Robert College, Constantinople, Turkey
Samuel Magaw, A. M., ... Beaver
Jared Clifton Marcy, A. M., Attorney, Minot, North Dakota
J. R. Merriman, A. M., Baptist Minister, Schenectady, New York
J. B. Patton.* . . . . .
Stephen S. Sears, A. M.* . . .
C. R. Stuckslager, A. M., M. D., Bank President, . McKeesport
Thomas Wilson, A. M., General Counsel C. St. P. & M. Ry., St. Paul, Minnesota

1853.

J. W. Campbell * . . . . .
J. C. Cotton, A. M., M. D,, ... Meadville
J. F. Eberhart, A. M., . 161 LaSalle St., Chicago, Illinois
D. J. Gilbert, Pastor M. E. Church, . . Cleveland, Ohio

D. D. Goshorn.*
John H. Gray.*
John C. High, A. M., Pastor M. E. Church, Brushton
James Hamline Hopkins, A. M., D.D., Berea, Ohio
W. P. Jones, A. M.*
Russell F. Keeler, A. M., D. D., Pastor M. E. Church, Rock Creek, O.
Julius Lee, A. M.*
P. M. McFarland, A. M., M. D., Centralia, Illinois
Philo P. Pinney, A. M., Pastor M. E. Church, Westfield, New York
A. M. F. Randolph, A. M., Attorney, Topeka, Kansas
John M. Sullivan, A. M., M. D., Bordentown, New Jersey
Robert D. Wallace, A. M., M. D., New Castle
Thomas L. Williams, A. M., M. E. Minister, South, West Virginia

1854.

Edwin M. Bearce, A. M.*
Thomas H. Hagerty, A.M., D.D., Pastor M. E. Church, St. Louis, Mo.
L. L. Hartman, A. M., Mifflinsburg, Kansas
Joseph McCarty, Salem, Iowa
James M. McKelvey, A. M.*
B. F. Martin, A. M.*
F. W. Shippen, A. M.*
S. S. Stuntz, A. M.*
J. Walter Waugh, A. M., D.D., Missionary, Allahabad, India
Samuel Wilkinson, A. M., M. E. Minister, Huntsburg, Ohio
Nicholas Ellsworth Worthington, A. M., Judge of Circuit Court, Peoria, Illinois

1855.

P. S. Bancroft, A. M., Editor, Butler
Wesley C. Best, A. M., D. D., Pastor M. E. Church, Philadelphia
M. S. Bonnifield, A. M., Nevada
Wm. L. Boydston, A. M.*
Benjamin R. Bratt, A. M., M. D.*
F. Brown, A. M.*
J. W. B. Clarke, A. M.*
W. B. Cline, A. M., Texas
Milton B. Goff, A. M., Ph. D., LL. D.*
J. B. Grover, A. M., Retired Minister, Cameron, Missouri
Thomas Hammond, A. M., Grocer, Columbus, Ohio
Horatio S. Kennedy, A. M., Tennessee
N. W. McConnell, A. M., Hartsville, Tennessee
Joseph McDowell, Portsmouth, Ohio

Ephraim Miller, A. M., . . . Lawrence, Kansas
J. Neff, Jr., A. M., M. D., . . Baltimore, Maryland
E. H. Ottinger.* . . . . .
Joseph W. Pickett, A. M.* . . .
N. B. Reisinger, A. M.* . . . .
Elijah M. Spencer, A. M., Attorney, . Mt. Vernon, Indiana
M. B. Welch, A. M.* . . . .

1856.

William D. Archibold, A. M., Business, . Denver, Colorado
Horace W. Bancroft, A. M.* . . .
Daniel Canfield, A. M., ... Marietta, Ohio
Pearson Church, A. M., Attorney, ex-Judge Court of Common Pleas, ... Meadville
Myron Park Davis, A. M., Attorney, . . . Meadville
Edward Ellison, A. M.* . . . .
Nelson Greene, A. M.* . . . .
James P. Hassler, A. M., M. D., . . . Meadville
N. B. Heth, A. M., . . . Springville, New York
William B. Holt, A. M.* . . . .
George W. Johnson, A. M., Pastor M. E. Church, . Avalon
L. D. Kee, A. M.* . . . . .
Odil Squier Long, A. M., Clerk Supreme Court of Appeals, . . . Charleston, West Virginia
Samuel Bunnell Myers, A. M., Attorney, . . . Franklin
J. W. H. Reisinger, A. M., Editor *Tribune*, . . Meadville
Irus H. Smith, A. M.* . . . .
Hugh G. Smith, A. M.* . . .
Edward P. Snow, A. M.* . . . .

1857.

William Burgwin.* . . . .
William M. Clement.* . . .
William McC. Dravo, ... Sewickley
Levi Bird Duff, A. M., Attorney, . . . Pittsburg
J. P. Gould, A. M.* . . . .
F. M. Gregg, A. M., D.D., Episcopal Rector, 230 LaSalle St., Chicago, Illinois
Wm. H. Heller, A. M.* . . . .
Harvey Henderson, A. M., Attorney, . . . Pittsburg
R. S. Hogue, A. M.* . . . .
F. A Jones.* . . . . .
Joseph R. Kinkead, A. M.* . . .

Wm. H. McCarty, A. M., Business, . McConnellsville, Ohio
Robert Uzziel McEntire, A. M., . . . Custards
A. J. Merchant, A. M., D. D., Pastor M. E. Church, . Sharon
Henry Taylor Patten, Attorney, ex-Probate Judge, Warsaw, Missouri
John N. Pierce, A. M., M. E. Minister, . Clinton, Missouri
W. L. Redmond, A. M.* . . . .
Orville A. Ross, ... St. Louis, Missouri
Z. W. Shadduck, A. M.* . . . .
B. I. Sterrett, A. M.* . . . .
James M. Thoburn, A. M., D. D., Bishop M. E. Church, Calcutta, India
D. D. Waugh, A. M., Presbyterian Minister, . Alliance, Ohio

1858.

T. J. Augustine, A. M.* . . .
W. C. Burchard, A. M.* . . . .
William Church, A. M., M. D.* . .
George Elliott, A. M., Dentist, ... Meadville
M. E. Garrison, A. M.* . . . .
Charles J. Hamnett, A. M., M. D., . . . Homestead
John B. Hays, A. M., Dramatic Editor N. Y. *Tribune*, Brooklyn, N.Y.
Isaac R. Hogue, A. M., ... Ohio
James N. Hosey, A. M., Farmer, Ex-Judge, Brookline Station, Mo.
Marcus Hotchkiss, A. M.* . . . .
H. T. McDowell, A. M.* . . .
Daniel Matthias, A. M., Farmer, . . Haddam, Kansas
John W. Matthias, A. M., Stock Raiser, . Haddam, Kansas
Stephen Girard Nye, A. M., Attorney, . Oakland, California
E. J. Osborne, A. M.* . . . .
G. W. Ready, A. M., . . . Painesville, Ohio
John Alexander Ready, A. M., Banker, Greenfield, Missouri
F. A. Reno, Druggist, ... Erie
A. M. Robbins. . . . . Cleveland, Ohio
John Stephens, A. M., Pastor M. E. Church, . Scio, Ohio
Wesley D. Stevens, A. M., ... New Athens
Milton S. Westfall, ... Augusta, Ohio
Thomas C. Westfall, A. M.* . . .
Samuel Wykoff, A. M.* . . . .
Samuel Wilson.* . . . .

1859.

D. G. C. Baker, A. M., Horticulturist, Ellensburg, Washington
R. S. Borland, A. M., D. D., Pastor M. E. Church, Busti, New York

Sidney G. Brock, A. M., Ph. D., Attorney, . Macon, Missouri
A. G. Crowell, A. M., Farmer, . . . Lovell's Station
Urias R. Fox, M. D., Farmer, . . . Bradley, Michigan
Henry Grunder, A. M., Attorney, . . Mt. Sterling, Illinois
Joseph W. Hillier, A. M., M. D., . . West Middlesex
Lewis Kimmel, A. M., Business, . . . Elderton
A. D. Lee, A. M.* . . . .
O. G. McEntire, A. M.* . . . .
Henry Mansel, A. M., D. D., Missionary, . Cawnpore, India
J. H. Messmore, A. M., Missionary, . . Naini Tal, India
J. A. Neill, A. M., Attorney, ... Titusville
Cyrus Pickett, A. M., Congregational Minister, Northampton, Mass.
Jonathan Rowley, A. M., Professor in College, Vermilion, S. Dakota
O. H. Sackett.* . . . . .
A. Z. Thomas, A. M.* . . . .
D. W. Wampler, A. M., Retired M. E. Minister, Chicago, Illinois

1860.

William W. Arnett, A. M., Attorney, . Wheeling, W. Va.
N. Hutton Axtell, A. M., . . Ravenswood, Chicago, Ill.
S. H. Birdsall, A. M., ... Greeley, Col.
J. B. Brawley, A. M.* . . . .
F. G. Custard.* . . . . .
James Fletcher Daton, A. M., Attorney, . Steubenville, Ohio
J. L. Hatch, A. M., ... Corry
H. S. Johnson.* . . . . .
S. B. P. Knox. A. M., M. D., . . Santa Barbara, Cal.
P. A. Laffer, A. M.* . . . .
G. W. Maltby, A. M.* . . . .
R. S. McEntire, A. M., ... Topeka, Kansas
Wm. V. Morrison, A. M., D. D., Minister, South Braintree, Mass.
A. D. Norris, A. M., Teacher, . . Taylorstown, Tenn.
R. H. Patterson, A. M., ... Augusta, Ohio
J. W. Phillips, A. M., Attorney, 4333 Morgan St., St. Louis, Mo.
Hiram L. Richmond, A. M., Attorney, . . Meadville
J. B. Reinholdt, A. M., M. D.* . . .
W. Robinson.* . . . . .
J. W. Smith, A. M., Attorney, ... Meadville
Z. C. Smulin.* . . . . .
Henry Wilson, A. M., Pastor M. E. Church, . Quincy, Illinois

1861.

E. B. Byers, ... Brookfield, Ohio

J. D. Chadwick, A. M., Franklin
John B. Compton, A. M., Attorney, Meadville
S. M. Davis, A. M., D. D.*
A. H. Domer, A. M., D. D., Madison, Ohio
F. W. Hays, A. M., Attorney, Oil City
O. B. Hendrick.*
Andrew Johnson, Wheeling, W. Va.
J. H. McKelvey.*
N. G. Miller, A. M., D. D., Pastor M. E. Church, Apollo
George Norris, Attorney, New York City
A. C. Nutt.*
M. M. Phelps, Attorney, Janesville, Wis.
C. B. Rich.*
S. B. Smith.*
I. N. Taylor, A. M., M. D., Edinboro
A. M. Williams, A. M., M. D., Bradford

1862.

Alexander Ashley, A. M., Clerk U. S. Weather Bureau, 2012 G St., Washington, D. C.
Curtis Arnold. A. M., R. R. Clerk, Greenville
W. R. Bole, A. M.*
E. B. Cummings, A. M., Portland, N. Y.
R. C. Frey, A. M.*
John J. Henderson, A. M., LL. D., Judge Court of Common Pleas, Meadville
David Riley Greer, A. M., Farmer, New Castle
A. C. Hickman, A. M., Attorney, Winona, Minn.
C. O. Johnson.*
Lester Kuder, A. M., Attorney, Greenville
E. A. Ludwick, A. M.*
D. T. McKay, Attorney, Black Ash
T. J. McKean, A. M., Attorney, Franklin
Alexander R. Miller, A. M., D. D., Pastor M. E. Church, Philipsburg
James R. Mills, A. M., D. D., Pastor M. E. Church, Painesville, Ohio
James McNaughton, A. M., Corry
Frank P. Ray, A. M., Attorney, Meadville
A. J. Thomas.*
T. H. Vosburg.*.
T. J. Wells, Attorney, Chicago, Illinois
L. W. Wilcox.*

1863.

James M. Bray, A. M., Pastor M. E. Church, . . Erie
W. Kennedy Brown, A. M., D. D., . . Cincinnati, Ohio
A. D. Chambers, A. M., Teacher, . . Hartford, Kansas
Hugh M. DeFrance, A. M., . . . West Virginia
A. C. Johnson, A. M., D. D., . . . Blairsville
D. M. Gill, A. M.* . . . .
Edward H. Henderson, A. M., Banker, . . . Clarion
A. J. Lindsey, A. M., Pastor M. E. Church, East Randolph, N. Y.
Wm. A. Pinney.* . . . .
William W. Smith, . . . Nebraska City, Nebraska
G. W. Snyder, A. M.* . . . .
J. T. Streit, A. M.* . . . . .
R. N. Stubbs, A. M., Presiding Elder M. E. Church, . Erie
J. A. Thomas, A. M., . . . Plattsburg, Minnesota
James Riley Weaver, A. M., LL. D., Professor Political Science,
De Pauw University, . . . Greencastle, Indiana
T. C. Wright, ... Meadville

1864.

F. A. Arter, A. M., ... Cleveland, Ohio
M. T. Bales, A. M., ... Buffalo, New York
T. F. Bracken, A. M., ... New Florence
D. R. Coder, A. M., Contractor, . . . Meadville
Charles E. Hall, A. M., D. D., Pastor M. E. Church, Lowell, Mass.
G. W. Haskins, Attorney,. . . . . Meadville
J. Kinniff, A. M.* . . . .
Charles McCaslin, A. M., Pastor M. E. Church, Bridgeville, Ohio
George McLaughlin, A. M., Attorney, . Monticello, New York
L. S. Norton, A. M.* . . . .
D. A. Pierce, A. M., Pastor M. E. Church, Milnersville, Ohio
James J. Tolerton, A. M., Judge District Court, Cedar Falls, Iowa

1865.

George A. Chase, A. M., Attorney, . . . Titusville
J. Keemer Davis.* . . . . .
R. N. Demain, A. M., , . . Georgetown, Colorado
Benjamin Franklin Edgell, B. D., Pastor M. E. Church, Waynesburg
Simpson W. Horner, A. M., D. D., Minister, Detroit, Michigan
Dana L. Hubbard.* . . . . .
Lloyd Lowndes, Attorney, . . Cumberland, Maryland
E. S. Mechesney, A. M., Pastor M. E. Church, Steven's Point, Wis.

1866.

James F. Burwell, A. M.*
Newton Chalker, A. M., LL. B., Attorney, Akron, Ohio
J. D. Hammond, A. M., Editor *Pacific Christian Advocate*, Portland, Oregon
Carlo C. Mechem, A. M., Attorney, Ottawa, Kansas
William J. Mitchell, A. M., Missionary, Austin, Nevada
Robert B. Murray, A. M., Attorney, Youngstown, Ohio
L. W. Ong, A. M.*
William W. Painter, A. M., Pastor M. E. Church, Chicago, Illinois
John A. Simpson, A. M., Pastor M. E. Church, Kansas City, Kansas
Charles H. Stocking, A. M., Pastor First M. E. Church, 208 North Fifth St., St. Joseph, Missouri
Welty J. Wilson, A. M., Cleveland, Ohio

1867.

F. Blackmarr, A. M., Attorney, Meadville
Miles Bond Chadwick, A. M., LL. B., Probate Judge, Owatonna, Minnesota
Cyrus C. Clark, A. M.*
Edward Clark, A. M., Presbyterian Minister, Caseville, Michigan
Robert Marquis Freshwater, Presiding Elder M. E. Church, Scio, O.
E. D. McCreary, A. M., Ph. D., Pastor M. E. Church, San Francisco, California
J. I. Pinney, A. M., Business, S. Logan Ave, Cleveland, Ohio
Henry Clay Titus, A. M., Attorney, Philadelphia

1868.

J. G. Albin, A. M.*
B. F. Beazell, A. M., D. D., Wilkinsburg
A. A. Brown, Canton, Ohio
J. P. Colter, A. M., Attorney, Meadville
George F. Davenport, Attorney, Meadville
John R. Groves, A. M., County Surveyor, Coudersport
N. P. Kinsley, A. M.. Principal of Schools, Franklin
G. S. McMillen, A. M., Cuyahoga Falls, Ohio
Henry Neville, A. M., M. D., Jamestown, New York
R. F. Randolph. A. M., D. D., Berlin, Germany
John Thomas Riley, A. M., Pastor M. E. Church, Oklahoma City, Oklahoma Territory
William Todd, A. M., Professor Natural Sciences, Curry University, Beaver
J. A. Wright, A. M., Pastor M. E. Church, Rootstown, Ohio
Lewis Wick, Pastor M. E. Church, Sigel

1869.

F. D. Bostwick.*
C. W. Darrow, Professor in Puget Sound University, Tacoma, Wash.
G. W. Delamater, A. M., Attorney, Tacoma, Wash.
W. M. Dight, Solicitor, Mercer
George Steele Ferris, A. M., LL. B., Attorney, Pittston
Albert B. Force, A. M., Attorney, Chicago, Illinois
C. W. Foulke, A. M., Pastor M. E. Church, New Castle
Henry Hamline Hall, A. M., Ph. D., Post Chaplain, U. S. A., Fort Barrancas, Florida
William H. Haskell, A. M., D. D., Salem, Ohio
Homer J. Humes, A. M., Attorney, Meadville
Theodore A. Lamb, A. M., Attorney, Erie
Wallace Martin.*
J. W. McIntyre, A. M., Pastor Fifth Ave. M. E. Church, Pittsburg
George E. Neville, A. M., Contractor, 2130 Sylvan Ave., Toledo, O.
J. O. Parmlee, A. M., Warren
George Washington Plummer, Attorney, 1218 Chamber of Commerce, Chicago, Illinois
W. W. Powers, A. M.*
W. A. Reeves, Attorney, Warren, Ohio
W. E. Reis, A. M., New Castle
George H. Taylor, A. M., Business, Chicago, Illinois

1870.

Caleb H. Barnes, Attorney, Lake Charles, Louisiana
Clermont C. Barris, A. M., M. S., New York City
Ira D. Darling, A. M., Ph. D., Pastor M. E. Church, Youngsville
Alexander Dight, A. M., S. T. B., Pastor M. E. Church, West Fitchburg, Massachusetts
James C. Graham, A. M., Little Cooley
David A. Hays, Attorney, Franklin
N. H. Holmes, A. M., D. D., Pastor M. E. Church, Columbus, Ohio
E. R. Jones, A. M., B. D., Pastor M. E. Church, Kinsman, Ohio
William J. Lewis, Keystone Bank, Pittsburg
A. T. Livingston, A. M., M. D., Jamestown, New York
C. A. Moody, Painesville, Ohio
A. H. Roudebush, A. M., Business, New York City
Almond George Richmond, A. M., Attorney, Meadville
J. Q. Speaker, A. M., Pomeroy, Ohio
J. T. Spencer, United States Navy
F. B. Stephenson, A. M., United States Navy, Boston

1871.

Albert A. Brooks, A. M., Teacher Sciences High School, Kansas City, Kansas
Samuel B. Craig, A. M., Probate Judge, . . Warren, Ohio
C. D. Davie, A. M., . . Salamanca, New York
James Eldon, A. M., Ph. D., Principal Normal School, Lock Haven
Lemuel S. Fawcett, A. M., LL. B., Attorney, . Houston, Texas
E. B. Flower, A. M., Attorney, ... Meadville
Sydney Benjamin Hotchkiss, A. M., M. D., . . Edinboro
L. T. Kirk, A. M., Superintendent Public Schools, Sedalia, Missouri
George W. Loomis, A. M., Business, . Rochester, New York
R. B. Mansell, A. M., D. D., ... Washington
Frank O. Marvin, A. M., Dean English Department, University of Kansas, Lawrence, Kansas
T. M. McFarland, A. M.* . . . .
A. R. Ong, A. M., M. D., . . Martin's Ferry, Ohio
Stephen Quinon, A. M., Assistant Editor *Times*, . Pittsburg
James E. Silliman, A. M., M. D., ... Erie
S. S. Simpson, A. M., ... Columbus, Ohio
Silas Sprowls, A. M., Pastor M. E. Church, . Lompoc, California
Elihu Warner Tolerton, A. M., Attorney, . . Toledo, Ohio
Josiah M. Thompson, A. M., M. D., . . Kansas City, Kansas
James F. Wilson, A. M., Attorney, . . Warren, Ohio

1872.

James N. Clark, President Nebraska Loan & Trust Co., Hastings, Nebraska
W. S. Foltz, ... New Castle
Le R. S. Foltz, Banker, ... New Castle
R. G. Graham, A. M., Attorney, . . . Meadville
A. W. Harbison, Coal Dealer, . . . New Castle
Enoch G. Hogate, A. M., Attorney, . . Danville, Indiana
Jasper N. Hunt, A. M., ... Chicago, Illinois
J. O. McClintock, A. M., Attorney, . . . Meadville
C. F. Stokey, A. M., Teacher, . . . Canton, Ohio

1873.

H. S. Bates, Pastor M. E. Church, . Salamanca, New York
A. D. Bedford, M. D., . . San Bernardino, California
Merriman C. Harris, D. D., Missionary, San Francisco, California
O. T. Hoffman, Attorney, ... Warren
T. M. Honeywell, Oil Business, ... Oil City
Samuel B. Griffith, Ass't U. S. District Attorney, . Mercer

C. E. Loomis, Banker, . . . Attica, New York
Russell A. McKinley, A. M., Ph. D., D. D., Presbyterian Minister, Clearfield
W. McClintock, ... Cleveland, Ohio
H. M. Miller, . . . Youngstown, Ohio
M. Ella D. Nash, A. M., . . Brooklyn, New York
J. S. Stewart, A. M., M. D., . . . Pittsburg
James M. Williams, A. M., Attorney, . . Cleveland, Ohio
G. J. Wolf, Attorney, ... Bradford
Thomas H. Woodring, A. M., D. D., M. E. Church, Wilkinsburg

1874.

William Courtney Bebee, A. M., Pastor M. E. Church, Rathdrum, Idaho
Frank Milton Bullock, Agent, Ginn & Co., . . . Pittsburg
John Miller Dight, ... Sandy Lake
Matthew Hill Grimmet, M. D., . Green Vale, Tennessee
Almira Marsteller Sweetwood, . . . Titusville
Benjamin L. Millikin, A. M., M. D., . . Cleveland, Ohio
Joseph W. Miles, A. M., Ph. D., D. D. . . . Braddock
Herman Henry Osthaus, A. M., Attorney, . . Scranton
John Poe, A. M., Attorney, ... Findlay, Ohio
Mary Adelle Williams Wright, A. M., . . . Meadville
George I. Wright, A. M., Ph. D., . . . Meadville

1875.

M. C. Bailey.* . . . . . .
Edward Kinney Creed, A. M., Pastor M. E. Church, Southington, Connecticut
James S. Eaton, ... Lock Haven
James George, A. M., Attorney, . . . Bradford
William Mayes Martin, A. M., Pastor M. E. Church, Fergus Falls, Minnesota
Lida M. Minniss Brown, . . . Breckenridge, Colorado
Julia Morum Bligh, B. S., . . . Warsaw, New York
Thomas H. Silver, Manufacturer, . . Wellsville, Ohio
Annie M. Warner Hempstead, A. M., . . . Meadville
Wilbur Garretson Williams, A. M., D. D., Pastor M. E. Church, St. Louis, Missouri

1876.

Alma Eva Albertson, ... Madison, Ohio
Walter Ozias Allen, A. M., Ph. D., Pastor M. E. Church, Corning, Iowa

Camden McCormick Coburn, A. M., Ph. D., D. D., Pastor M. E. Church, ... Ann Arbor, Michigan
Austa Densmore Sturdevant, A. M., . . New York
William Plimton Eckles, A. M., County Superintendent, Smethport
Margaret Elizabeth Hartman, ... Meadville
Ernest H. Koester, A. M., Attorney, 33 Main St., Hackensack, N. J.
Lewis Henry Lauderbaugh, Attorney, . . Meadville
Jared Clifton Marcy, Jr., A. M., Auditor's Office Wabash System, St. Louis, Missouri
George McAlpine, ... Chagrin Falls, Iowa
John Sophronus McKay, A. M., Ph. D., Professor Packer Collegiate Institute, . . . Brooklyn, New York
Charles Truitt Newlon, ... East Brady
Thomas M. St. John.* . . . .
Charles P. Woodring, M. D., ... Meadville

1877.

William Crozier Bear.* . . .
George Howard Huffman, Pastor M. E. Church, . Marion Center
Louisa Sarah McClintock Kurtz, A. M., . Moorehead, Minnesota
William Elwin McDowell, Manufacturer, Arkansas City, Kansas
James H. Montgomery, A. M., Ph. D., Professor of Physics and Chemistry, Allegheny College, . . . Meadville
Alfred S. Morrison, A. M., Disciple Minister, Martinsville, Virgina
Thomas Dorr Sensor, A. M., Business, . Byron, Illinois
Perry Allen Reno, A. M., S. T. B., Pastor M. E. Church, Slippery Rock
Watson Hawkins Swartz, 105 East College St., . Alliance, Ohio
Lewis Walker, A. M., Attorney, . . . Meadville
Wayne Whipple, Business, . . Malden, Massachusetts
Carrie Kitchell Wythe Williams, A. M., . St. Louis, Missouri

1878.

John A. Bolard, A. M., Dentist, . . Philadelphia
Hyre Dee Clark,. A M., Professor in University, Monmouth, Illinois
Livingston Llewellyn Davis, Attorney, . . Pittsburg
James Doughty, A. M., ... Jamestown, Dakota
Andrew C. Ellis, A. M., D. D., Pastor M. E. Church, Oil City
Jacob Albert Hovis, A. M., Pastor M. E. Church, Lisbon, N. D.
Ella A. Kinder, A. M., Teacher, . . . Fredonia
Mary Elizabeth Kugler, A. M., ... Sharon
Thompson Brainard Mackey, School Commissioner, 395 Broome St., New York City

William James McClintock, A. M., Presbyterian Minister, East Liverpool, Ohio
Christian Albert Miller, Attorney, . . St. Paul, Minnesota
Felix Clarence Pifer, A. M., Druggist, Buckhannon, West Virginia
Charles W. Rees.* . . . .
Jacob Patterson Strayer, A. M., M. D., Ph. D., . Oil City
John Newton White, Attorney, . . . Sewickley
Elliott Sansom White, Ph. D., Pastor M. E. Church, Pittsburg

1879.

William McKee Beyer, A. M., Attorney, . . Altoona
Charles Andrew Boush.* . . . .
Wellington Bowser, A. M., Pastor M. E. Church, Milton, Oregon
Charles H. Bruce, Presbyterian Minister, Kansas City, Missouri
Herschell Lenus Campbell.* . . .
Daniel Broadhead Heiner, Attorney, M. C., 22d District, Kittanning
Charles William Kugler.* . . . .
Allan James Maxwell, A. M.* . . .
Walter Lowrie McClurg, with A. C. McClurg & Co., Chicago, Illinois
Charles Bayard Mitchell, A. M., D. D., . Kansas City, Missouri
Gideon Homer Mosier.* . . . .
Oscar Burnham Moss, A. M., M. D., . Chicago, Illinois
Emory Alden Nelson, Pastor M. E. Church, Poughkeepsie, N. Y.
Arthur Manly Shellito, A. M., Attorney, . Independence, Iowa
Emory Melville Wood, A. M., Ph. D., Professor Mathematics, Baker University, ... Baldwin, Kansas

1880.

Edward Thayer Bates.* . . . .
Arthur Laban Bates, A. M., Attorney, . . . Meadville
Harriett D. Carter, *Chautauquan* Staff, . . Meadville
Anna Beatrice Carter Davis, ... Homestead
Frank Solomon Chryst, Attorney, . . . Warren, Ohio
Albert Ernest Colgrove, A. M., Teacher, . . Corry
Almon Benton Coulter, A. M., M. D., . Cedar Rapids, Iowa
Philip Arthur Dix, A. M., Business, . Salt Lake City, Utah
Charles Albert Ensign, . . . Youngstown, Ohio
Harriet Aurelia Linn Bebee, Missionary, . . China
Frank Fremont Lippitt, Business, . . . Meadville
Charles Edward Locke, A. M., D. D., Pastor First M. E. Church, Portland, Oregon
John Dugan Martin, D. D., Rugby School, . Philadelphia
George Sullivan Miner, Missionary, . . . India

Amos Jesse Newell, A. M., M. D., . . Chicago, Illinois
Gilbert Albert Nodine, Attorney, . . Seattle, Washington
William Warren Shilling, Attorney, . . . Sharon
Ida Minerva Tarbell, A. M., Authoress, . . New York
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1881.

James R. Andrews, A. M., Attorney, . . . Meadville
William J. Armstrong, A. M., M. D., . . . Kane
Iris Barr, Teacher, ... Titusville
Mary E. Broas Burghart, A. M., . . . Madrid, Spain
Arthur Dana Colgrove, A. M., Superintendent of Schools, Corry
Markley Connell Cameron, A. M., M. D., . . Pittsburg
Frederick Shellito, A. M., M. D., . . Marcellus, Michigan
Millard Filmore Compton, Pastor M. E. Church, Freeport, New York
Stewart McCaulay Decker, A. M., Attorney, . Blackwell, O. T.
Charles Edward Everett, A. M., Attorney, . Cincinnati, Ohio
Joseph Thomas Ewing, A. M., P. E. Clergyman, Detroit, Michigan
Charles Winthrop Fish, A. M., M. D., . Los Angeles, California
Andrew Fleming, A. M., S. T. B., Episcopal Clergyman, Ashland, Ky.
Simpson S. Ford, Attorney,
325 Society for Savings Building, Cleveland, Ohio
David Arthur Gill, Business, ... Meadville
William Henry Hammon, A. M., United States Weather Bureau,
San Francisco, California
Ida Josephine Henderson, A. M., Teacher, Oshkosh, Wisconsin
David Wilbur Hume, Teacher, . . St. Charles, Minnesota
Lynn Olin Mead.* . . . .
Emma Frances Merchant Thoburn, A. M., Duluth, Minnesota
Clement Wellington Miner, A. M., Pastor M. E. Church, Titusville
Charles Louis Pappenhagen, A. M., Pastor M. E. Church,
Perrysburg, New York
Minnie L. Seager Van Rensselaer, . Randolph, New York
William Walter Tarbell, A. M., Oil Producer, . Titusville
James Matthew Thoburn, A. M., D. D., . Duluth, Minnesota
Wilbur W. Thoburn, A. M., Ph. D., Professor, . Palo Alto, Cal.
John S Throckmorton, A. M., Pastor M. E. Church, Marne, Iowa
Judson Augustus Wann, Attorney, . . Canton, Ohio
Wilbur Gildersleeve Warner, A. M., B. D., Pastor M. E. Church,
Cincinnati, Ohio

1882.

James Alexander Ballantyne, A. M., Pastor M. E. Church, Tarentum

Charles Milton Blair, Business, . . . Chicago, Illinois
William Freeman Compton, A. M., Minister, Tarrytown, New York
Clementine Calvin, A. M., Professor of English Literature,
Monmouth, Illinois
James K. Cubbison, Attorney, Portsmouth Bank, Kansas City, Kansas
Edgar Percival Cullum, Business, . . . Meadville
Mary Elizabeth Darrow Olson, 3532 Vernon Ave., Chicago, Illinois
Stephen E. Foster, A. M., Attorney, . Jacksonville, Florida
Marshall J. Hovis, ... Clintonville
James Wesley Kinnear, A. M., Attorney, . . . Pittsburg
George Walter Kling, A. M., Pastor M. E. Church, Wataga, Illinois
Joseph Marlatt, A. M., Ph.D., Pastor M. E. Church, Tacoma, Wash.
Glenroie McQueen, D. D., Pastor First Presbyterian Church,
Princeton, Illinois
John Hoffman Miller, A. M., Pastor M. E. Church, . Franklin
Elmer Orville Minnigh, B. L., Pastor M. E. Church, Lincoln, Missouri
Edwin Wolcott Peck, N. Y., P. & O. R. R., . . Meadville
Emma Powell Tolle, A. M., 818 East Second St., Pueblo, Colorado
Samuel Elmer Ryan, A. M., Presiding Elder, Jamestown, N. D.
Charles Eyre Richmond, A. M., Attorney, . . Meadville
Will N. Ridge, Business, . . . Brooklyn, New York
Charles McCoy Snyder, Editor,. . . . New York
Harry Stoner, A. M., M. D., . . . Cleveland, Ohio
Thomas Huet Taylor, A. M., Pastor M. E. Church,
East Springfield, Ohio

1883.

Wesley Benson Best, Attorney, ... Meadville
Ethelbert E. Blair, A. M., with First National Bank, Youngstown, O.
Charles Mark Burkhalter.* . . . .
George Owen Calder, Attorney, . . Omaha, Nebraska
Henry Chapman, Business, . . . Saltville, Virginia
Simpson Elliott Ferree, A. M., Attorney, Minneapolis, Minnesota
Ernest Leslie Frisbee, A. M., . . . Cologne, Germany
Wheldon Pollock Grant, Pastor M. E. Church, Manchester, California
Joseph Adwin Guignon, A. M., Attorney, 400 Grant St., Pittsburg
Helen M. Hayes, A. M., . Washington, District of Columbia
Charles Warren Hollister, Rector St. Paul's Church,
229 Fir St., Akron, Ohio
Martha J. Hyde Thayer, . . . Atlanta, Georgia
Morris Francis Laughlin, Teacher, . . . Hazzard
James Miller McCready, A. M., M. D., . . Sewickley
Edward Herman Pond, A. M., M. D., 808 Penn Ave., Pittsburg

Elisha Marshall Robinson, Business, . . Parker's Landing
Charles Prosser Robinson, Attorney, 110 Diamond St., Pittsburg
Frank Wade Silver, Business, . . Wellsville, Ohio
Mary Elizabeth Smith, A. M., ... Meadville
Joseph Alexander Vance, A. M., Episcopal Clergyman, Blairsville
Hattie A. Woods Thoburn, A. M., . . Palo Alto, California

1884.

Ernest Ellsworth Baldwin, A. M., Attorney, . New York City
Edward Samuel Blair, A. M., M. D., Professor Hygiene, University of the Northwest, . . . Wayne, Nebraska
Walter W. Case, Insurance, 30 Congress St., Boston, Massachusetts
Frank Murdock Currie, Attorney, . . Omaha, Nebraska
Ewing W. Day, A. M., M. D., ... Pittsburg
Charles Walter Deane, A. M., Ph. D., Superintendent of Schools, Bridgeport, Connecticut
Washington Irving Dice, Pastor M. E. Church, St. Mary's, Maryland
Leon L. Doane, A. M., M. D., Ph. D., . . . Meadville
Eugene P. Fenno.* . . . .
Edith Jane Guignon, A. M., ... Corry
Walter J. Guthrie, Attorney, ... Apollo
Alice Loraine Heath Procter, A. M., . Kirksville, Missouri
Henry Vernon Hotchkiss, A. M., Ph. D., Sup't Schools, Meadville
Willis Huffman.* . . . . .
Marion Jordan, Teacher, . . . Lisbon, Ohio
Samuel Parker Long, Pastor M. E. Church, . . Pittsburg
Minnie Francis Martin, A. M., . . . Pittsfield
Wesley H. Martin, Business, ... Erie
Knighton Tupper Mead, A. M., Attorney, . . Pittsburg
Alexander Willis Newlin, A. M., Ph. D., . . Pueblo, Mexico
Harry W. Plummer, Attorney, . . Chicago, Illinois
Richard Riley Ross, A. M., Dodd, Mead & Co., . New York
William Burke Smythe, Stenographer, . Buffalo, New York
James Beebe Stull, A. M., Business, . . North East
Sallie Welsh, A. M., . . . Boston, Massachusetts
Benjamin Franklin Wolff, . . Los Angeles, California

1885.

Charles Winchester Benedict, A. M., M. D., . Findlay, Ohio
William Christian Beck, A. M., Attorney, . Washington, D. C.
Homer Smith Bodley, Business, . . Baton Rouge, Louisiana
John Darwin Croasman, ... St. Louis, Missouri
Willis Mead Everett, ... Atlanta, Georgia

George Perry Ferree, A. M., M. D., . Paynesville, Minnesota
Charles Trout Fox, A. M., Professor of Latin and German, Findlay, Ohio
William Henry Gallup, A. M., Superintendent of Schools, New Cumberland, West Virginia
Thomas James Hamilton, A. M., Pastor M. E. Church, Sheffield
Robert Thomas Herrick, Attorney, . . Topeka, Kansas
George Harris Lamb, A. M., Teacher, . Youngstown, Ohio
Blanche McGough, A. M., ... Pittsburg
Julia Bird McGrew, ... Allegheny City
William Penrose McElwain, A. M., Attorney, Seattle, Washington
Charles Miner Miller, Pastor M. E. Church, . . Pittsburg
Andrew Jackson Mitchell, A. M., M. D., . . . Sharon
Charles Willis Procter, A. M., Ph. D., Normal School, Kirksville, Missouri
Clara Belle Snyder Hollister.* . . .
David Leslie Terwilliger, A. M., . Kenoche, Wisconsin
Crawford Rockwell Thoburn, A. M., Chancellor Puget Sound University, . . . Tacoma, Washington
David Lyle Thoburn, Professor in Reid College, Lucknow, India
Frank Jackson Thomas, A. M., Attorney, . . Meadville
Thomas Skelton Vickerman, A. M., Teacher, Ft. Edward, New York
Albert Lorenzo Williams, Attorney, . . Buffalo, New York
Lydia Emma Wood Bodley, . . Baton Rouge, Louisiana

1886.

Orange Whitney Bramer, A. M., M. D., Ph. D., Camden, New Jersey
Robert Chambers Bole, Attorney, . San Francisco, California
Abram Lanman Chase, A. M., S. T. B., Minister, Foxcroft, Maine
May Clark Long, ... Pittsburg
Percy Densmore, A. M., ... Seine, France
Ira Jesse Dunn, M. D., ... Erie
T. A. Edwards, A. M., Principal Preparatory Department, Bucknell University, ... Lewisburg
Harry Stevenson Free, A. M., Pastor California Ave. M. E. Church, . . , . . Allegheny City
Stella Frisbee, ... Cologne, Germany
Clifford W. Fuller, A. M., Ph. D., Attorney, . Cleveland, Ohio
William Richard Graves, A. M., Teacher, . . Scranton
Mae Goff Smith, A. M., ... Meadville
Samuel Myron Gordon, A. M., Pastor M. E. Church, . . Mercer
Levi Eugene Haybarger, . . . Omaha, Nebraska
Nannie Clara Jones, ... Greenville

Ruth Elizabeth Laubender, . . . Union City
Wilton Cornelius Lindsey, Attorney, . Jamestown, New York
Charles Peter Lynch, A. M., Teacher of Latin in High School, Cleveland, Ohio
Howard Wilson McDowell, A. M., B. D., Minister, Seneca Falls, New York
Arlie Carletta Mead Thoburn. * . . . .
Mary Virginia Miller Lynch, . . . Cleveland, Ohio
William Palmer Murray, A. M., Ph. D., Pastor M. E. Church, Omaha, Nebraska
Lafayette Perkins, A. M., Attorney, . Indianapolis, Indiana
Anna Clemson Ray, ... Meadville
John Remer, A. M., M. D., . . Newark, New York
Sion B. Smith, A. M., Attorney, . . . Meadville
Mary E. Stott, A. M., Teacher State Normal, River Falls, Wisconsin
Charles Tracy Scofield. * . . . . .
Frank Leonard Wells, Attorney, . . . Wellsville, Ohio
John Andrew Wood, A. M., C. E., Civil Engineer, . Pittsburg

1887.

Thomas Baird Allison, A. M., Ph.D., . . Ebensburg
William Bignell, A. M., Business, . . . Pittsburg
Rubie Blackmarr, ... Meadvillle
Edward Benton Bodley, A. M., Attorney, . . Chicago
Montello Eugene Blystone, Signal Service, . Cincinnati, Ohio
Ella Goff, A. M., M. D., . . . Allegheny City
Edward B. Heckel, A. M., M. D., W. Penn. Medical Institute, 502 Penn Ave., Pittsburg
Frank E. Linn, ... St. Louis, Missouri
Gertrude M. Merchant, ... Sharon
Elizabeth E. Miller, A. M., ... Meadville
Benjamin Birchard Pickett, A. M., Attorney, . Meadville
Maud Von S. Roudebush, A. M., . . Paris, France
Harriot Reitze, ... Philadelphia
Francis Asbury Sayers, Attorney, . . . Franklin
Frank Herald Shaw, A. M., Principal of Schools, Greensburg
Mayne Reid Stevenson, Law Student, Jamestown, New York
Charles L. Smith, A. M., Pastor M. E. Church, . Creighton
Herman Wilson Smith, . . Vicksburg, Mississippi
Anna Mary Wilkenson Howell, A. M., . Southold, New York
William John Whieldon, A. M., Attorney, . . Mercer
David Morris Wise, C. E., Civil and Mining Engineer, Youngstown, Ohio

1888.

Alice Apple, ... Washington
Frank Lyman Armstrong, A. M., Attorney, . . Erie
William John Bell, A. M., M. D., Ph. D., St. Joseph, Missouri
Ernest Albert Bell, Minister, . . St. Joseph, Missouri
Levi Bird, A. M., Ph. D., Minister, . Auburn, New York
Albert Louis Boush, Druggist, . . . Meadville
Horatio Chauncey Carr, ... Union City
Gertrude Douglass Greenwood, . . . Meadville
Wilfred W. Ellsworth, A. M., Attorney, . Chicago, Illinois
Frank Ernest Fenno, C. E., Teacher, . Apalachin, New York
John Greenlee Fenton, . . . W. Williamsfield, Ohio
Lillian F. Fradenburg Siling, A. M., Ph. D., Orange, New Jersey
Elizabeth Hay Frey, *Chautauquan*, . . Meadville
Leon Vance Grove, M. D., . . . Pittsburg
Daniel W. Howell, A. M., Pastor M. E. Church, Southold, New York
William Charles Jason, A. M., B. D., Pastor M. E. Church, Germantown
Frank Melville Kerr, A. M., Presbyterian Minister, Hempstead, N. Y.
Charles G. Lindsey, Attorney and Real Estate, Jamestown, New York
Henry Havelock Luccock, . . Kansas City, Missouri
William Tell Noss, A. M., Ph. D. . . .
J. Arnold Parsons, A. M., Pastor M. E. Church, . Grove City
Bedford Leak Perry, A. M., Pastor M. E. Church, Townville
James Taylor Petty, A. M., Ph. D., Editor, . Fremont, Ohio
Bessie L. Putnam, A. M., Teacher, . . Harmonsburg
Myrte A. E. Rice, Ph. D., . . . Westfield, New York
Lillian May Swartz, A. M., Teacher, Black River Falls, Wisconsin
Hiram Elbert Smith, Attorney, . . . Meadville
James M. Ward, A. M., M. D., M. E. Hospital, . Philadelphia

1889.

William L. Askue, A. M., Pastor M. E. Church, Mesopotamia, Ohio
Ena L. Brundage, A. M., Teacher, . Pasadena, California
Frank A. Cattern, Attorney, . . San Francisco, California
George G. Coup, Signal Service, . Kansas City, Missouri
Edwin P. Couse, A. M., *Leader*, . . . Pittsburg
Salem A. Dean, ... Chautauqua, New York
Will A. Elliott, A. M., Professor of Greek, Allegheny College, Meadville
George Howard Fuller, A. M., Medical Student, Cleveland, Ohio
Harry Household, A. M., Pastor M. E. Church, . Waynesburg
Fred C. Howe, A. M., Ph. D., Attorney, . . Cleveland, Ohio

Ellen V. Hoskin, A. M., Teacher, . . Garrettsville, Ohio
H. J. Hotchkiss, Instructor in Physics, Cornell University, Ithaca, N. Y.
Wm. H. Hunsburger, A. M., . . . Barkeyville
Corney C. Laffer, A. M., M. D., . . . Meadville
Alton C. Lindsey, Instructor in Elocution, . Randolph, N. Y.
Fred Brooks Lindsey, Prof. of English, Normal School, Millersville
William McNair, A. M., Attorney, . . . New York City
Frank B. Miner, M. D., . . . Warren, Ohio
Edgar M. Mixer, A. M., Principal of Schools, . Conneautville
Flora A. Mowbray, A. M., Teacher, . . Meadville
John Church Nash, M. D., ... Cleveland, Ohio
David Charles O'Connor, A. M., Principal of Schools,
West Point, Nebraska
Emberson Edward Proper, Professor of History and Political
Science, ... Winchester, Massachusetts
Ralph B. Reitz, Dentist, ... Philadelphia
John Joseph Rudkin, LL. B., Attorney, North Yakima, Washington
Adelaide Robinson, A. M., Teacher in High School, . Butler
Joseph Burdette Richey, Principal of Schools, . New Brighton
Jesse Smith, A. M., . . 442 Euclid Ave., Cleveland, Ohio
Gertrude Leigh Snyder Marquis, . Woburn, Massachusetts
William S. Twining, C. E., Electrical Engineer, Philadelphia
Calvin L. Walton, A. M., Instructor Mathematics and Science,
Allegheny College, ... Meadville
Elizabeth Corrine Wood, Teacher in High School, . Pittsburg

1890.

J. Robert Anderson, Attorney, . . . Buffalo, N. Y.
Harry M. Barrett, A. M., Instructor English and Latin, High
School, ... Denver, Colorado
Fred Lucus Bullock Hannum, Insurance, . . Norwalk, Ohio
Ellen Chesbro Bell, . . . St. Joseph, Missouri
Helen A. Clark, ... Union City
Frank Alonzo Collins, United Pres. Minister, . Ryegate, Vermont
Robert Coulter Crowthers, A. M., with Lysle Coal Co.,
Cincinnati, Ohio
William C. Deming, A. M., Editor, . . Warren, Ohio
Frank Dice, ... Akron, Ohio
John Milton Dobson, A. M., Pastor M. E. Church,
North Parina, New York
Valentine F. Dunkle, A. M., Pastor M. E. Church, Hamlet, New York
Robert W. Elliott, A. M., Drew Seminary, Madison, New Jersey

Harry Boyd Espy, A. M., Ph.D., Pension Deparment, Washington, D. C.
Adelbert G. Fradenburg, A. M., Ph.D., Professor Economics, Lake Forest, Illinois
James Stewart Gibson, A. M., Ph. D., Teacher, Montclair, N. J.
Charles Barnes Hawk, ... Meadville
John Bunyan Hawk, A. M., Teacher, . . . Sharpsville
William G. Heiser, A. M., Wholesale Grocer, . Maysville, Ky.
James Earl Hood, Great Northern R. R., Leavenworth, Washington
William W. Johnson, Business, . . . West Middlesex
Cassius R. Manning, . . . Santa Barbara, Cal.
Samuel Simpson Marquis, Prot. Epis. Clergyman, Woburn, Mass
Edwin LaFayette Mattern, A. M., Attorney, . . Pittsburg
Charles Noble McClure, A. M., Attorney, . . . Sharon
Thomas M. Morrison, A. M., Principal of Schools, . Waterford
Charles E. Newkirk, Business, . . . Rochester
Lucy Pickett, A. M., Post Office Department, . Meadville
Gamaliel Wilson Phillips, Drew Seminary, . Madison, New Jersey
John L. Porter, Standard Oil Co., . . London, England
Mark Allison Rigg, A. M., Pastor M. E. Church, . . Crafton
Fred A. Russell, ... Warren, Ohio
Will Lester Siling. A. M., Ph.D., Dearborn Morgan School, Orange, New Jersey
William Henry Stenger, A. M., Representing *Chautauquan* and Chautauqua Century Press, . . Meadville
Francis Gurney Stubbs, A. M., M. D., . Chicago, Illinois
Martin Joseph Sweeney, M. D., . . . Kane
Weldon P. Varner, A. M., Pastor M. E. Church, . . Bolivar
Lorell Erastus White, ... Meadville
Fred Raymond Work, Business, 315 Wabash Ave., Chicago, Illinois

1891.

Robert Thompson Adams, A. M., Principal of Schools, Waynesboro
William Elmer Barcus, Drew Seminary, Madison, New Jersey
Manley Orr Brown, A. M., Attorney, . . . Meadville
Henry Booth Byers, Law Student, . . Chicago, Illinois
Howard A. Couse, LL.B., Attorney, . . Cleveland, Ohio
Virginia Davis, A. M., Teacher, . . Kingsville, Ohio
Charles C. Freeman, A. M., Prof. of Mathematics, New Wilmington
John Arthur Gibson, Principal High School, . . Butler
William B. Griffin, Attorney, ... Franklin
Fred W. Gundy.* . . . . .
Gertrude Vina Household, A. M., . . West Newton

Charles L. Howe, M. D., . . . Marlowe, Alabama
Charles Sherman Jewell, A. M., Johns Hopkins University, Baltimore, Maryland
Alvin Oren McClelland, A. M., M. D., . . . Mars
Clarence Lynnwood Miller, Business, . . St. Louis, Missouri
Edward Everett Miller, Attorney, . . Youngstown, Ohio
Henrietta Miller Couse, ... Pittsburg
Carrie Frances Mount.* . . . .
Clarence F. Ross, A. M., Principal Preparatory Department, Allegheny College, ... Meadville
Mary Warner, Teacher of Physical Culture, Cincinnati, Ohio
Homer David Whitfield, A. M., Drew Seminary, Madison, New Jersey
Simpson Horner Wood, A. M., Teacher, Haddonfield, New Jersey
William Wallace Youngson, Drew Seminary, Madison, New Jersey

1892.

Sara D. Allen, ... Denver, Colorado
Alice Barber, A. M., ... Meadville
Jessie May Berst, ... Erie
Frank Willis Black, Journalist, ... Warren
Anna Coder, Professor of Latin, . . Cameron, Missouri
George W. Corey, Pastor M. E. Church, . Cooperstown
Alice Gertrude Cruttenden, Teacher, . . Union City
John H. Dunn, Law Student, ... Beaver
Julia Anna Edson Fradenburgh, . . Lake Forest, Illinois
Stella Louise Foote, ... Wattsburg
Florence Harper, ... Meadville
Grace Henderson, ... Allegheny
Harry Parker Johnson, Principal High School, . Johnstown
Virgil Lindsey Johnson, A. M., Law Student, . . Greenville
James L. Jones, Law Student, ... Beaver
Wallace C. Leffingwell, Principal Schools, . Hartford, Ohio
Charles H. Luse, Law Student, . . . Pittsburg
Thomas Edgar Lytle, Teacher Mathematics, High School, Bradford
John Lewis McBride, Attorney, . . . Oil City
D. Lowrie McNees, Journalist, . . . New Brighton
Ben H. Metcalf, M. D., . . .Boston, Massachusetts
Elmer S. Nickerson, Attorney, . . Papillion, Nebraska
Sophia Pappenhagen, Teacher, . . Dennison, Texas
Bertha Garetta Pierce, Teacher, . . Minneapolis, Minnesota
Gertrude Ruth Pierce, Teacher, ... Erie
Crawford Alberti Peffer, Attorney, . . . Pittsburg
William C. Pickett, M. D., ... Meadville

George S. Ray, M. D., M. E. Hospital, . . Philadelphia
Frank Harvey Sisley, Teacher, . . . Sheakleyville
John C. Spencer, Teacher, ... Hayfield
Leon Tallman, Episcopal Theological Seminary, . New York
Ferd D. West, Business, ... Meadville

1893.

George W. Bird, ... Scranton
Rebecca Cooper, ... Meadville
Jesse W. Cary, Pastor M. E. Church, . . . Perryopolis
Ellis J. Chesbro, A. B., Dental Student, University of Penna., Philadelphia
Birde E. Cummings, ... Geneva
Clinton M. Dickey, Teacher, ... Hartstown
John L. Danforth, Real Estate, . . Buffalo, New York
Robert W. Darragh, Business, ... Beaver
Theodore A. Douthitt, Business, . . North Sewickley
Alden Ottice Davis, Medical Student, . . Monongahela
Anna Dunn, Teacher High School, . . Meadville
Asa J. Eckles, Principal High School, . . . New Castle
Monroe J. Echols, Attorney, ... Erie
R. Bruce Gamble, Medical Student, . . Buffalo, New York
Leeida M. Gelvin, ... Meadville
Vernice G. Gelvin, ... Meadville
Edgar P. Harper, Drew Seminary, . Madison, New Jersey
Margaret Harper, ... Meadville
Benjamin A. Heydrick, Student Harvard University, Cambridge, Mass.
John K. Howe, Pastor M. E. Church, . . . Evans City
Clara B. Howard, Teacher High School, . . Warren, Ohio
Sylvester C. Humes, Teacher, ... Greenville
Robert M. Kurtz, Editor, ... Cleveland, Ohio
Edgar D. Mowry, Pastor M. E. Church, . . Sugar Grove
Willis James Merchant.* . . . .
Rufus Harry Patchin, Superintendent Schools, West Mentor, Ohio
Herbert W. Rand, Assistant Principal High School, Oil City
Laura Temple, ... Warsaw
R. Belle Watson, Teacher, ... New Castle

1894.

Elvira L. Bascom, Chautauqua-Century Press, . Meadville
Minnie Byerly, ... Sharpsville
Arthur J. Calvin, Student United Presbyterian Seminary, Allegheny
Florence Calvin, ... Meadville

Eva B. Gibson Dickson, ... Butler
William Sherman Douds, McCormick Seminary, . . Chicago
Amanda Edson, ... Meadville
Elizabeth Fritchman, Nurses' Training School, Brooklyn, New York
Edwin W. Jaynes, Business, . . Randolph, New York
Winne Kate Mount, ... Oil City
William R. Murphy, Law Student, . . . Pittsburg
Kosta J. Pachejieff, Drew Seminary, . Madison, New Jersey
Ray F. Pickard, Teacher, . . Jamestown, New York
Flossie Eleanor Scott, ... Baldwin
Arthur Staples, Drew Seminary, . Madison, New Jersey
William Earl Stilson, Teacher Academy, . . Sugar Grove
Mary E. Urick, ... Meadville
Clare Wellington Virtue, Student College Physicians and Surgeons, ... Chicago, Illinois

GRADUATES IN THE CIVIL ENGINEERING COURSE.

1887.

Bruce Davis, Business, ... Bradford
Frank Ernest Fenno, A. B., Teacher, . Apalachin, New York
William S. Twining, Electrical Engineer, . Philadelphia

1888.

James G. Graff, Civil Engineer, . . . Chicago, Iliinois
Homer J. Hotchkiss, Instructor Physics Cornell University, Ithaca, New York
Fred H. McQuiston, Civil Engineer (Standard Oil Company), Oil City
Ward M. Sackett, Electrician, . . Chicago, Illinois
Samuel Alexander Tomes, ... Pittsburg
David Morris Wise, Civil Engineer, . . . Girard, Ohio

1889.

Joseph Warren Silliman, Electrical Engineer, . Philadelphia

1890.

Lee A. Baldwin, U. S. Coast Survey, . Washington, D. C.
Alvah Lemuel Carr, Post-Office Department, Seattle, Washington
Frank L. Gageby, ... Linton, Indiana
Edward A. Hersperger, Editor, . . . Mayville, New York

1891.

Alfred Samuel Burgess, . . . Buffalo, New York
James Gilbert Ehrenfeld, ... Pittsburg

Charles Harmany Johnson, Business, . . New Castle
John Ahmed Knox, Civil Engineer,
119 Loclade Building, St. Louis, Missouri
Francis Joseph McFate, ... Cochranton
Pressly C. Patterson, Business, . . Cambridge, Ohio
John Andrew Wood, A. M., Civil Engineer, . . Pittsburg

1892.

Hugh C. Dorworth, ... Oil City
Lee W. Eighmy, Civil Engineer, . . . Buffalo, New York
Robert F. Fox, General Superintendent Scranton Traction Co.,
Scranton
Henry H. Freeman, Electrical Engineer, . . Pittsburg
Herbert W. Rand, Teacher High School, . . Oil City
Fred J. Trumper, Insurance, . . . Cleveland, Ohio

1893.

Reed De Wayne Beardsley, Teacher, . . . Meadville
James Watson Campbell, M. E. Minister, . Cherry Creek, N. Y.
George S. Davis, ... Greenville
Wilmot H. Gibson, Business, . . . St. Anthony, Idaho
Frank H. Murphy, Attorney, ... Butler
J. Bennett Porter, Law Student, . . . Meadville

1894.

Urie Nelson Arthur, ... Belle Valley
Harry Stuart Harrop, R. R. Engineer, . Knoxville, Tennessee
Francis Joseph Jagomast, with Westinghouse Electric Co., Pittsburg
Fred Woodburn McElroy, with Westinghouse Electric Co., Pittsburg
Edwin Downing Reed, Scranton Traction Company, . Scranton
Edward Vernon Smith, Business, . . . Meadville

Honorary Degrees.

A. M.

Amos, John M., 1885, O.
Archibald, Rev. F. A., 1878, O.
Armor, Samuel G., 1864, Mich.
Burns, G. W., 1860, O.
Brunson, Rev. A., 1834, Pa.
Brown, Rev. Wm. G., 1878, Can.
Butler, Rev. M. A., 1856, Ind.
Brubaker, Henry, 1879, Pa.
Bauhn, J. H., 1854, N. J.
Craig, Allen A., 1866, Pa.
Cook, Rev. Charles, 1840, Pa.
Chapman, Rev. H. L., 1862, Pa.
Crawford, Frank R., 1884, Ill.
Clark, W. S., 1854, Pa.
Carson, John, 1857, Tex.
Crow, David, 1856, N. Y.
Cory, Daniel, 1820, Mo.
Cope, M. W., 1870, Pa.
Davidson, Rev. T., 1859, O.
Dempster, John, 1836, N. Y.
Dobbs, Rev. A. S., 1867, N. Y.
Dogherty, Robert R., 1884, N. Y.
Dodd, James B., 1841, Ky.
Day, Rev. W. F., 1865, Pa.
Espy, Rev. J. Boyd, 1885, Pa.
Erskine, John, 1845, Pa.
Feree, J. W., 1854, Pa.
Freshwater, Rev. R. M., 1876, O.
Forward, Walter, 1842, Pa.
Graham, Rev. W., 1861, Ind.
Gollier, P. A., 1843, Pa.
Gilchrist, J. C., 1870, O.
Hibbard, Rev. F. G., 1848, Va.
Harned, Rev. N., 1826, Pa.
Hess, F. W., 1875, U. S. A.
Horner, Richey J., 1888, Pa.
Harris, Flora Best, 1885, Pa.
Hunter, Rev. W., 1846, Pa.
Hitchcock, D. M., 1827, N. Y.
Ketler, Isaac C., 1882, Pa.
Kennedy, J. C. G., 1852, Pa.
Kennedy, Rev. W., 1846, Va.
Knowles, Rev. S.,1865, Ind.
Langley, G. A., 1888, Pa.
Lawson, D. W., 1882, O.
Lindsey, Rev. A. J., 1879, Pa.
Mayerhoffer, Rev. P., 1826, Pa.
McClelland, Jas. B., 1854, Pa.
Madison, Rev. M., 1846, O.
Miller, Rev. Chas. W., 1886, Pa.
Mueller, G. A., 1872, Pa.
Nodine, Frank, 1882, O.
Nicholson, Rev. E. G., 1851, N. M.
Olds, Carmi C., 1849, Mich.
Peate, Rev. John, 1869, N. Y.
Plimpton, F. B., 1860, Pa.
Pickett, J. W., 1822, Md.
Potter, T. W., 1825, N. Y.
Reynolds, Rev. G. T., 1885, Pa.
Scott, Rev. R. W., 1886, N. Y.
Sherman, Miss Fannie, 1878, N.Y.
Shippen, Rev. R. R., 1856, Pa.
Sturgis, Rev. A. G., 1843, Pa.
Steadman, Rev. H. N., 1876, O.
Sturgeon, J. C., 1877, Pa.
Simpson, Rev. Matthew, 1834, Pa.
Stevens, Rev. A. B., 1867, W. Va.
Sprague, Rev. L. L., 1879, Pa.
Stevens, E. W., 1860, Va.
Smith, Rev. C. W., Pa.
Tribby, Rev. John, 1873, O.
Tintsman, John C., 1883, Pa.
Williams, Rev. D., 1846, Pa.
Willey, W. T., 1839, Va.
Winthrop, William, 1822, Mass.
Wilson, Rev. Corwin V., 1886, O.
Wilson, Thomas F., 1881, Pa.
Walkins, Rev. D. W., 1861, Pa.

Hilner, Rev. S. A., 1886.
Hallet, W. P., 1827, N. Y.
Houghton, Jacob, 1819, N. Y.
Jimison, Rev. M. P., 1852.
Younghusband, L., 1861, C. W.
Weller, Rev. George, 1818, Md.
White, J. W. F., 1860, Pa.
Wright, Rev. Joseph E., 1886, Pa.
Yarnell, Rev. J. V., 1879, Pa.

D. D.

Baird, Rev. I. N., 1858, Pa.
Beach, Rev. Theodore C., 1891, Pa.
Beazell, Rev. B. F., 1890, Pa.
Best, Rev. Wesley B., 1893, Pa.
Bignell, Rev. W. P., 1890, N. Y.
Bond, Rev. Thomas, 1846, N. Y.
Bills, Rev. J. E., N. Y.
Bolton, Rev. J. W. W., 1879, W. Va.
Borland, Rev. R. S., 1891. Pa.
Buck, Rev. D. D., 1866, N. Y.
Blanchard, Rev. A., 1842, N. Y.
Clark, Rev. W. A., 1830, N. Y.
Coburn, Rev. Camden M., 1894, Mich.
Cummings, Rev. H., 1821, N. Y.
Craft, Rev. Amos N., 1844.
Cranston, Rev. Earl, 1881, Col.
Crowe, Rev. Moses, 1853, N. Y.
Davis, Rev. Samuel M., 1890, Ill.
Deal, Rev. John S., 1870, Pa.
Doering, Rev. Charles F., 1875, Germany.
Durbin, Rev. I. P., 1836, Pa.
Davidson, Rev. W. H., 1866, Pa.
Dempstor, Rev. John, 1840, N. Y.
Domer, Rev. Abram H., 1885, O.
Eaton, Rev. Theodore N., 1889, Pa.
Edwards, Rev. James T., 1876, N. Y.
Elliott, Rev. Charles, 1838, O.
Gregg, Rev. F. M., 1890, Ill.
Grier, Rev. J. F., 1823, Pa.
Gillmore, Rev. W. F., 1889.
Gibson, Rev. Alex. B., 1875, Md.
Locke, Rev. C. E., 1892, Ore.
Miller, Rev. Alex., 1891, Pa.
McCabe, Rev. L., 1855, O.
McKinley, Rev. R. A., 1891, Pa.
McQueen, Rev. Glenroie, 1892, Ind.
Miller, Rev. A. B., 1862, Pa.
Martindale, Rev. Thomas E., 1892, Delaware.
Mansell, Rev. Henry, 1888, India.
Moore, Rev. Franklin, 1862, Pa.
Miller, Rev. Noble G., 1885, Pa.
Mehlenburg, Rev. H. A., 1823, Pa.
Mansell, Rev. R. B., 1885, Pa.
Martin, Rev. John D., 1893, Pa.
Mead, Rev. W. C., 1830, Pa.
Mechem, Rev. James, 1886, Pa.
Mills, Rev. James R., 1876, O.
Miller, Rev. R. T., 1888, Pa.
Mitchell, Rev. Charles B., 1893, Mo.
McRiley, Rev. I., 1858, Pa.
Moore, Rev. H., 1845, Pa.
Moore, Rev. H. H., 1886, Pa.
Morrison, Rev. Wm. V., 1877, Mass.
Monroe, Rev. David S., 1878, Mass.
Murray, Rev. James C., 1894, Ga.
Norcross, Rev. A. C., 1884, O.
Nesbit, Rev. S. H., 1863, Pa.
Oldham, Rev. W. F., 1890, Pa.
Parkhurst, Rev. Charles, 1888, Mass.
Palmer, Rev. A. J., 1885, N. Y.

Graham, Rev. William, 1868, Ind.
Gunn, Rev. Alexander, 1817, N.Y.
Hagerty, Rev. T. H., 1890, Mo.
Harris, Rev. M. C., 1888, Cal.
Hall, Rev. Charles E., 1884, Pa.
Hillyer, Rev. Asa, 1818, N. J.
Horner, Rev. Joseph, 1869, Pa.
Hartzell, Rev. J. C., 1879, La.
Harris, Rev. W. L., 1856, O.
Hunt, Rev. Sanford, 1871, N. Y.
Horner, Rev. Simpson W., 1890, Wis.
Holliday, Rev. F. C., 1859, Ind.
Johnson, Rev. A. C., 1891, Pa.
Johnson, Rev. W. L., 1846, N. Y.
Johnson, Rev. E. A., 1863, O.
Jones, Rev. Jas. F., 1892, Pa.
Knox, Rev. Edward J., 1893, Pa.
Kay, Rev. S., 1852, England.
Kempt, Rev. J. S., 1842, Ky.
Kimball, Rev. H. D., 1890, Ill.
Kean, Rev. J. M., 1817, Mass.
Kinney, Rev. Wesley, 1861, Pa.
Leak, Rev. Thomas J., 1883, Pa.
Long, Rev. A. L., 1867, Constantinople.
Lochman, Rev. George, 1819, Pa.
Peate, Rev. John, 1886, Pa.
Pennypacker, Rev. Geo. D., 1891, Pa.
Perrine, Rev. Matthew, 1818, N. Y.
Perry, Rev. W. E., 1886, Pa.
Petty, Rev. Asbury L., 1878, Pa.
Pierce, Rev. W. H., 1888.
Ralston, Rev. T., 1843, Ky.
Randolph, Rev. R. F., 1886, N. Y.
Ramsay, Rev. W. W., 1880, Pa.
Reddy, Rev. William, 1876, N. Y.
Slaughter, Rev. Wm. B., 1877, Neb.
Townsend, Rev. James G., 1883, N. Y.
Thoburn, Rev. J. M., 1870, India.
Thoburn, Rev. J. M. Jr., 1892, Pa.
Taylor, R. T., 1871, Pa.
Vernon, Rev. Samuel M., 1875, Pa.
Wheeler, Rev. Alfred, 1869, Pa.
Wakefield, Rev. S., 1854, Pa.
Wentworth, Rev. E., 1860, N. Y.
Webster, Rev. A., 1867.
White, Rev. Wm. R., 1866, W. Va.
Wilson, Rev. Cyril V., 1894.
Young, Rev. E. K., 1883, Iowa.

M. D.

Ackerly, Samuel, 1824, N. Y.
Bemus, Daniel, 1828, Pa.
Beck, Lewis, 1823, N. Y.
Bibby, E. N., 1826, N. Y.
Brown, Stephen, 1824, N. Y.
Bower, Henry, 1826, Pa.
Cooper, Fayette, 1826, N. Y.
Francis, H. M., 1823, N. Y.
Hitchcock, D. M., 1825, N. Y.
Lineaweaver, G., 1826, Pa.
Mish, J. B., 1826, Pa.
McLean, Hugh, 1825, N. Y.
Neilson, John, 1825, N. Y.
Schulter, Christian, 1819, Va.
Schenk, Henry, 1826, Pa.
Wield, Elias, 1820, Mass.

LL. D.

Baldwin, Henry, 1839, Pa.
Buchanan, Jas., 1836, Pa.
Clowes, Rev. S., 1821, N. Y.
Kowe, Rev. Andrew, 1820, N. Y.
Marsh, Rev. Tamerlane P., 1892, Ohio.

Colder, C. D., 1823, N. Y.
Derickson, Hon. D., 1884, Pa.
Edwards, Rev. James T., 1891, N. Y.
Elliot, Rev. Chas., 1858, Ohio.
Fradenburgh, Rev. James N., 1892, Pa.
French, Rev. John R., 1871, N. Y.
Grier, R. C., 1842, Pa.
Goff, Milton B., 1885, Pa.
Henderson, John, J., 1893, Pa.
Holmes, Rev. Abiel, 1822, Mass.
Horner, Joseph, 1894, Pa.
Jones, David L., 1846, Ind.
Kennedy, J. C. G., 1867, D. C.
Kynett, Alpha J., 1886.
Martin, Rev. A., 1878, Ind.
Mitchell, S. L., 1821.
Pemberton, Ebenezer, 1817, Mass.
Pintard, John, 1822, N. Y.
Ross, James, 1823, Pa.
Spofford, H. G., 1818, Pa.
Tingley, Jeremiah, 1886, Pa.
Taylor, Rev. Wm., 1826, N. Y.
Thomas, Isaiah, 1818, Mass.
Wakefield, Rev. Samuel, 1892, Pa.
Webster, Daniel, 1840, Mass.
Weeks, Jos. D., 1886, Pa.
White, J. W. F., 1870, Pa.
Winthrop, Hon. Jas., 1817, Mass.
Woods, Samuel, 1888.
Wickham, John J., 1889, Pa.

L. H. D.

Carey, George L., 1892, Pa.
Eggleston, Edward, 1893, Ind.

Post-Graduate Alumni.

To the Degree Ph. D.

[Courses leading to this degree discontinued.]

Allison, Thomas B., 1891.
Anderson, James W. D., 1893.
Baker, William A., 1891.
Bash, Appleton, 1893.
Boyle, Samuel Brecht, 1893.
Benedict, Martin G., 1893.
Benham, George A., 1890.
Bird, Levi, 1893.
Braymer, Orange W., 1892.
Brock, Sidney G., 1889.
Bunce, William H., 1893.
Burridge, Brainerd M., 1892.
Campbell, James Garland.
Carroll, Charles C., 1890.
Clarke, George W., 1889.
Cooper, Samuel B., 1894.
Crouch, John M., 1890.
Curtis, Anson B., 1890.
Darling, Ira D., 1892.
Dean, Charles W., 1892.
Deavor, William T. S., 1892.
Deering, William Augustus, 1893.
Devitt, Theophilus S., 1894.
Doane, Leon L., 1890.
Espy, Harry Boyd, 1893.
Espy, John Boyd, 1893.
Fradenburgh (Siling), L. F. 1892.
Fuller, Clifford W., 1889.
Gibson, James Stewart, 1893.
Gordon, Samuel Myron, 1893.
Griffith, M. Bryant, 1890.
Hall, Henry H., 1892.
Higby, Clinton D., 1892.
Hotchkiss, Henry V., 1889.
Humason, George Howard, 1893.
Johnson, Delbert L., 1893.
McNaughton, James, 1887.
Mahaffie, William H., 1893.
Marlatt, Joseph P., 1893.
Martin, Joel, 1894.
Merkley, George E., 1893.
Metcalf, Joel D., 1892.
Miles, John W., 1890.
Mitchell, Charles B., 1892.
Mitchell, Walter, 1894.
Moore, Edward J., 1893.
Moore, John William, 1893.
Murray, John Franklin, 1893.
Murray, Oliver E., 1892.
Murray, William Palmer, 1893.
Newlin, Alexander W., 1893.
Noss, William T.
Ogden, J. Gordon, 1890.
Petty, James Taylor, 1890.
Phillips, Taylor F., 1892.
Prather, Silas H., 1891.
Proctor, Charles Willis, 1893.
Quayle, William W., 1892.
Reed, Elizabeth J., 1892.
Rice, Myrte A. E., 1892.
Robbins, James W., 1891.
Rowland, Barger F., 1894.
Siling, William L., 1893.
Sprague, E. P., 1887.
Strayer, Jacob P., 1891.
Strayer, Mary J., 1891.
Tannehill, Norman B., 1893.
Thayer, Charles, 1892.
Thoburn, William W., 1888.
Waite, William H., 1888.
White, Elliott S., 1894.
Wood, Emory M., 1893.

Kitashima, Watari, 1893.
Kellogg, Hiram W., 1888.
McKay, John S., 1888.
Wright, George I., 1891.
Wright, Joseph E., 1887.

To the Degree A. M., pro merito.

Allison, Thomas B., 1890.
Baker, William A., 1891.
Barber, Alice, 1892.
Bash, Appleton, 1893.
Bird, Levi, 1891.
Boyle, Samuel N., 1893.
Bunce, William H., 1893.
Burridge, Brainerd M., 1892.
Cooper, Joshua M., 1893.
Curtis, Anson B., 1889.
Devitt, Theophilus S., 1893.
Espy, Harry Boyd, 1892.
Fradenburgh (Siling) Lillian F., 1891.
Freeman, Charles C., 1893.
Fuller, Clifford W., 1889.
Fuller, George H., 1891.
Gibson, James S. 1891.
Glover, John J., 1893.
Graham, Elizabeth Best, 1893.
Griffith, M. Bryant, 1889.
Heapes, William J., 1893.
Heckel, Edward B., 1889.
Hollett, Walter E., 1893.
Hotchkiss, Henry V., 1889.
Hotchkiss, Homer J., 1893.
Johnson, Virgil L., 1893.
Martin, Joel, 1893.
Moore, Edward J., 1893.
Perry, Bedford L., 1891.
Phillips, Taylor F., 1891.
Prather, Silas H., 1891.
Reed, Elizabeth J., 1891.
Ritezel, Frank M., 1893.
Ross, Joseph B., 1894.
Rowland, Barger F., 1893.
Siling, William L., 1892.
Strayer, Mary, 1890.
Trach, George, 1894.
Whitaker, James, 1894.

Summary of Alumni and Honorary Degrees.

Bachelors of Arts	982
Civil Engineers	39
Honorary M. A.	87
Honorary D. D.	109
Honorary M. D	16
Honorary LL. D	35
Honorary L. H. D.	2
Post-Graduate M. A	39
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Total number of students catalogued since 1833	5,943

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GORTON B. CHASE, ... Greenville
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J. N. BOLARD, M. D., ... Meadville
N. B. DUNHAM, ... Warren
RICHARD F. HOPWOOD, ... Uniontown
J. E. RIGG, M. D., ... Wilkinsburg
DURBIN HORNE, ... Allegheny
EDWARD APPLEYARD, . . . Jamestown, N. Y.
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Description of the College.

HISTORICAL SKETCH.

Travelers from Erie to Pittsburg in 1815, by way of the Waterford and Allegheny turnpike (now called Main street in Meadville), on coming to the top of the hill that overlooks the silvery curve of French Creek where the Cussewago falls into it, saw at their feet on the left bank of the stream a village of perhaps a hundred white wooden houses and black log huts, scattered along three or four parallel and cross streets, and surrounded by cleared fields thickly dotted with big stumps. To this village of less than five hundred people came in June, 1815, the Presbyterian preacher and teacher, Timothy Alden, from New York City, to visit his cousin, Major Alden, one of its most prosperous and progressive citizens. Cousin Alden had not been dubbed Major merely by good-natured friends, as is often done in frontier towns, for he frequently boasted that he had heard the first gun at Lexington and the last at Yorktown. Nor had the Rev. Timothy Alden come five hundred miles through the wilderness merely to pay a visit. He had looked over a map of his country and concluded that Meadville would be a good place to found a college. Major Alden favored the plan, introduced his cousin to Rev. Robert Johnston, then pastor of the First Presbyterian Church, and the outcome was the historic meeting of citizens in the log courthouse on the evening of June 20, 1815.

At this meeting Maj. Alden was called to the chair and John Reynolds (father of Rev. John and William Reynolds) became secretary and treasurer. It was voted to found an institution of learning, to be called from the name of the chief river of its proposed territory, Allegheny College. Rev. Timothy Alden was chosen President, and

Rev. Robert Johnston Vice-President, and the former was directed to go east and gather whatever he could of value for the new enterprise.

Of this subscription tour the detailed record, still preserved, offers some curious items. Ex-President John Adams gave $20 in books. The presidents of Columbia and Union colleges subscribed, and there were many gifts of money and books from distinguished men in and around Boston who had been college friends of Timothy Alden at Harvard. On his return to Meadville the persevering collector was able to sum up his work thus: Land subscribed, $2,000; books, $1,642.30; cash, $461; total, $4,103.30. This, considering the hard times just after the war of 1812, was remarkable. Meanwhile a subscription book had been opened in Meadville, in John Reynolds' hands, and the gifts of the little village and surrounding community footed up over $5,000. Prominent items on this list are Samuel Lord and Daniel LeFever, 225 acres of land; Hon. Wm. Griffith, Hon. J. B. Wallace, and Maj. Alden, $500 each; John Reynolds, Gen. David Mead, and H. J. Huidekoper, $300 each. Truly indeed does Dr. Bates remark on this in his *History of Crawford County*, "There are few cases on record of such abounding faith in the face of unbounded difficulties." The State helped along the fledgling by granting it $7,000 and a charter.

The same year the charter was conferred (1817) the first commencement was held in the old log courthouse. For here, or in Dr. Alden's house, was given the college instruction during the five years before Bentley Hall was built. A program of this first commencement, still preserved, shows that it must have been an affair to astonish the natives. Four Latin orations, and one Hebrew oration, were delivered, but there were no graduates. Indeed there were only twelve graduates during all the fifteen years of Dr. Alden's administration. So few, when

there was an attendance of twenty or thirty per year and no preparatory department, may be taken as a proof of high requirements in scholarship. With honorary degrees, however, the young college was more lavish, having bestowed already at Dr. Alden's inauguration two LL.D.'s and two S. T. D.'s on some dignitaries in New England.

Dr. Alden's fondness for pomp and ceremony indulged itself again at the laying of the corner stone of Bentley Hall (July 5, 1820). Two or three of the persons who witnessed it as five-year-old children are still living, and have vivid pictures of it in their memories. All the school children, dressed in their Sunday clothes and carrying large bouquets, marched to the notes of martial music from the center of the town towards College Hill, strewing flowers as they went. The procession passed along what is now the Terrace, turning to the right up the hill through the fields, where Spring street now runs. No doubt every one of the six hundred and sixty-six souls of the town was there, if possible, besides hundreds more from the country for many miles around. There in the warm July sunshine, under a great floral arch, amid vocal and martial music and streams of eloquence, with imposing Masonic rites, was laid the corner-stone.

The first building was called Bentley Hall, in honor of Rev. William Bentley, of Salem, Mass., who at his death in 1820 left to the College his library, valued at $3,000. There is a tradition that Harvard had her eye on this rare collection of books, and had honored its owner in anticipation of the bequest, but was supplanted by the little college on the frontier. The gift was due to Dr. Alden's personal influence, as was the donation soon after by Hon. James Winthrop, LL. D., of Cambridge, Mass., of a library valued at $6,400. The founder of Allegheny College, being a thorough scholar himself, evidently real-

ized that good books are as necessary to higher learning as good instructors, for at the end of his administration the College had a library worth $20,000.

With such material resources, such territory, and with such energy and ability at its head, it would seem that the new institution ought to have kept pace with the growth of the country. But it did not; fate was against it. The Presbyterian Church to which it looked for its main support, already had two small colleges in Western Pennsylvania. Most of the Presbyterian preachers in the territory were alumni of one or the other of these, and were naturally devoted to alma mater. For this reason, Dr. Alden's petition that the Presbytery of Erie take Allegheny College under its patronage, met with a strong refusal. Hard as this must have seemed to him, it was to result finally for the best of the college. The Presbyterians, even from their own point of view, were right in giving up Allegheny, as they had been right in giving up Dickinson. For it is far better for any denomination to have one or two strong institutions of learning in a State than to have half a dozen weak ones. Yet, to the zealous founder, to see his college rejected by his own church was disheartening; to see the attendance decreased in consequence, and the annual State appropriation of $1,000 withdrawn, was despair. The enterprise that had absorbed the best years of his life seemed a failure. With a heavy heart he was obliged to resign. His beloved college, the object of his earnest prayers and unceasing labors, was perhaps to become a habitation for bats.

This unfortunate pioneer of higher learning deserves more than a passing notice. He was almost as remarkable for scholarship, ancestry, and missionary work among the Indians as for his herculean labors in founding a college. In a volume of memoirs of the Erie Presbytery, his ancestry is traced back to John Alden, who came over in the *Mayflower*. Himself, his father, and all the male

members of the family back to 1665 were Harvard graduates. His mother was a Weld, a descendant of Fox the martyrologist. Timothy was intended for a farmer in order to inherit the valuable farm of a rich uncle, who had promised him this if he would come and live with him. But blood will tell, as the uncle soon discovered, for the boy carried his Latin grammar with him into the field to plow. It was agreed that he ought to be sent to college. At Harvard, where he was graduated in 1794, he distinguished himself in languages, especially the oriental. His graduation oration was in Syriac. Then he preached and taught acceptably in several places, including Boston and New York City. While laying the foundations of Allegheny, he declined a call to be president of a college at Cincinnati. He frequently spent his vacation in preaching to the Indians, and was an intimate friend of the famous Seneca chief, Cornplanter. The house he occupied longest in Meadville stood near the present site of Spencer Hospital, in the fields at a considerable distance from the town, and was reached by letting down one or two pairs of bars. It has recently been torn down. He frequently preached in Presbyterian pulpits, where his appearance was imposing, his voice orotund but somewhat monotonous, and his prayers beautiful, though of little diversity. His published works include five volumes of "American Epitaphs," and a Hebrew Catechism. After leaving Meadville in 1831, he was for some time principal of seminaries in Cincinnati and Pittsburg, then for four years pastor at Pine Creek, Pa. Here he died a rapturously triumphant death in 1839, and the cemetery of this village is his last resting place. All who knew him say he was a genial and sincere man. His students say he was a great teacher, both by his knowledge and by his skill in its communication. And to his great ability as an executive and organizer, Allegheny College is a lasting monument. For two years Bentley Hall stood deserted. Then the

eloquent young Homer J. Clark came to Meadville to be pastor of the First Methodist Church. He had been professor and agent for Madison College, at Uniontown, Pa., a struggling little institution, chiefly remembered now as the Methodist forerunner of Allegheny College and as the alma mater of Mathew Simpson. It was young Clark who first resolved to secure the deserted college for Methodism. Through his influence, and to this end, the Pittsburg Conference of Methodist preachers met in Meadville in July, 1833. The preachers, having looked over the ground, resolved to adopt the comely waif, bag and baggage, and to raise $20,000 for its support. Though the latter part of the resolution was not carried out, the institution opened in November, 1833, with Rev. Martin Ruter, D.D., as president, Rev. Homer J. Clark as vice-president and professor of mathematics, and A. W. Ruter as professor of languages. Only thirty students were enrolled at the opening, but at the close of the four years of Dr. Ruter's presidency, the number of students for the year was 146. The number of graduates during the four years was fourteen.

Dr. Ruter resigned in order to go as superintendent of Methodist missions in Texas. Without being a college graduate, he had begun preaching at seventeen, been pastor of the best Methodist churches in New England, principal of Wesleyan Academy, Mass., book agent at Cincinnati, president of Augusta College four years, and pastor in Pittsburg, before coming to Meadville. In Texas, living the rude life of a frontiersman, he rode thousands of miles on horseback, preached every day and often three times a day, and planted Methodist societies in every part of the State. He died and was buried in Texas. He was a large man physically, having already in Meadville the appearance of an old man, though he was then only forty-eight. He was everywhere a popular preacher, and though by no means a self-seeker, he

received in the General Conference of 1836 a strong vote for Bishop. His versatility must have been unusual, for he was the author of a Hebrew Grammar and a History of the Martyrs, and his Church History was the standard text-book of Methodist preachers in America for nearly half a century. Ruter Hall could hardly have been named for a worthier man than Martin Ruter—unless it had been called after the Presbyterian founder.

The most notable result of Homer J. Clark's administration (1837-47) was the adding of $60,000 to the endowment. This sum, magnificent for those days, was collected by Dr. Clark mainly in lumps of $25 each. The State had been appropriating $1,000 per year for six years, up to 1844, when this prop fell away. The college was therefore closed for a year, while Dr. Clark went begging for its relief. By his hard labors of this year, its future was made secure. But he worked himself nearly to death. In addition to his duties as president, he taught five or six classes per day. He was also a superb preacher, always memorizing his sermons verbatim. After leaving Meadville, he became editor of the Pittsburg *Christian Advocate*.

Then came the gentle Dr. Barker. He had succeeded Simpson here in 1839 as professor of natural science, and gone to Transylvania College, Ky., seven years later as professor of ancient languages. The visible memorial of his presidency is Ruter Hall, built in 1855 and paid for by the citizens of Meadville; but a more enviable memorial of him is the invisible one—the affection for him that lives in the hearts of all who knew him and will be spoken of whenever his name is mentioned in all time. His students used to say that anyone who would impose on him was a brute; yet some of them did so for all that. He was at home as a teacher in all departments, and students were equally delighted to pass an hour with him in mathematics or in Greek. As a preacher and lecturer

he was well read, lucid, strong, and eloquent; socially he was genial, witty, and thoroughly up to the times. Though repeatedly offered other positions with better salary, he remained true to Allegheny until he was smitten down by apoplexy in the twelfth year of his incumbency (December, 1859).

The days of Barker were the last of the stage coach and canal boat as the sole means of reaching Meadville. The first railroad was completed soon after his death. Students from the south who came before this time, traveled by boat up the Allegheny river, thence by stage from Franklin; those from Ohio came by a stage that ran from Kinsman once a week; and many a poor young man came a hundred miles over the hills afoot. Among the most vivid recollections of the still surviving students of those days are the dreadful joltings they suffered on the long journeys from home in the old stagecoach, over, or rather through, the bad roads in the spring of the year.

Soon after Dr. Loomis' inauguration came the Civil War. Patriotism ran high among the professors and students. A company was formed to go from the College (Co. I of the 39th Regiment*). Ira Ayer, a student and the only member who knew tactics, was made captain, and Oscar Henning, the professor of German, went as second lieutenant. Rev. J. Boyd Espy, O. H. Hollister, and Geo. I. Wright are among the few survivors of this famous company. Ira Ayer was badly wounded at the second Bull Run fight, but he came out of the war a colonel. Just before their leaving, Dr. Loomis addressed the student company drawn up in line, and told them if any of them showed the white feather he never wanted them to come back to Allegheny. They fought bravely but twenty-eight of them could not come back, for they were buried in southern fields. Nine of them were killed and seventeen wounded in the terrible fight at Gaines'

* See Bates' Penn'a Volunteers, Vol. I., p. 817.

Mill; among the mortally wounded was Corporal Pier, noted in camp for his piety and his diligence with his Greek testament. But their old flag was brought back, riddled with bullets and spotted with blood, and is now one of the most precious relics in the possession of the college.

Dr. Loomis was a graduate of Wesleyan University in Connecticut, and an experienced educator. He was also a great man to raise money. Through him Culver Hall (burnt in 1884) was built in 1864, furnishing dormitories to 100 students, and large additions were made to the endowment. Perhaps the most striking change during his term was the admission of girls as students (1870), which was mainly brought about through the influence of Prof. Hyde. Allegheny was one of the first colleges in the country to make this innovation.

Dr. Bugbee came from the headship of the Woman's College at Cincinnati. He was a graduate of Amherst, and had been principal of seminaries in Fayette, Iowa, and Evanston, Ill. At the beginning of his term, Alexander Bradley contributed an additional $6,000, bringing the total of his gifts up to $30,000, which forever endows the chair of Latin. During this time, also, Hulings Hall was built, and the Government detail of a United States Army officer to teach military science was secured, which greatly increased the prestige of the faculty. When Dr. Bugbee began there were 132 students enrolled in both the college and the preparatory school; the year before he left (1882) the number enrolled in both departments was 295.

Dr. Hamnett, the vice-president, managed the affairs during an interim of one year, as he had done for the year before Dr. Bugbee came. Then Dr. Wheeler took charge. Having been five years United States Consul in Genoa, Italy, under President Lincoln, eight years professor in the Northwestern, and seven years editor of the *Methodist* in New York, he brought great prestige to the

office. Prominent features of his policy were the appointment of none but specialists to the college chairs, and the enlargement of the college proper by modernizing its courses. Near the end of his term the Wilcox Hall of Science was built. Probably none of his predecessors, except Dr. Barker, ever enjoyed the admiration and affection of the students to the extent that Dr. Wheeler did.

Dr. W. G. Williams was president for a year at the end of the first five years of Dr. Wheeler's term, and greatly improved the grounds and buildings. He was the only chief executive who was an alumnus of the institution.

Allegheny counts among her alumni an extraordinary number of distinguished men. There are two bishops—Kingsley and Thoburn; five college presidents—Martin of De Pauw, Marvin of the University of Kansas, Goff of the Western University of Pennsylvania, Williams of Allegheny, and Hartshorn, the founder of Mt. Union; many judges, including John Henderson and Pearson Church; two state governors—Pierpont of West Virginia, and Lowndes of Maryland; and two of the most prominent candidates for the next chief magistracy of the nation were once her students.

Matthew Simpson was a mild and genial professor here for two years, and nobody ever suspected his greatness. Bishop Kingsley, brought up on a farm and buying his first books by making maple sugar and carrying it ten miles to Jamestown, N. Y., to sell, was made a tutor in the college only two years after he entered, and a full professor immediately on his graduation. In twelve years more he had forty votes for bishop.

As old Allegheny is passing the eighty-first milestone in the long-distance race—the third milestone since Dr. Crawford took the reins—she finds herself exactly even with the average college of the United States. With perfect harmony among her owners, with the provision for

her care now greatly augmented, and with a constantly increasing student body, she bids fair to beat her record.

MEADVILLE.

No city in Western Pennsylvania is more advantageously situated than Meadville. It has two lines of railroad: the Erie, and the Pittsburg, Shenango & Lake Erie. By these routes Pittsburg may be reached in five hours, Cleveland in three hours, Erie in two hours, Cincinnati in twelve hours, and New York in thirteen hours. This arrangement gives easy and expeditious access to the city from all points. The population of the town is about 10,000; it is an old and well established city, having cultured society and many educational influences. The city has most of the modern improvements, such as illuminating gas, electric lights, and natural gas fuel.

GROUNDS AND BUILDINGS.

The College Campus embraces thirteen acres on the north side of the town, having an elevation of two hundred feet above French Creek Valley; it is well shaded with trees, and has a beautiful outlook upon the town and the surrounding country. In natural beauty the Campus is very attractive, and the situation is one of the most healthful in the country.

There are four large buildings belonging to and used by the College.

Bentley Hall bears the name of Rev. William Bentley, D.D., of Massachusetts, who gave his valuable library to the College. The corner stone was laid July 6, 1820. It consists of a central building three stories high above the basement, and two wings two stories in height, and is devoted to recitation rooms, society halls, rooms of the Young Men's Christian Association, and the office of the President of the College.

Ruter Hall, named after Rev. Martin Ruter, D. D., the second President of the College, is a substantial brick

building, erected chiefly by the citizens of Meadville, in 1855. This building contains the Museum of the College, the Library, and the Chapel.

HULINGS HALL is a large brick edifice, erected in 1881, by Marcus Hulings, Esq., of Oil City, and the citizens of Meadville. It is used as a home for lady students, and has rooms for sixty. It is about one hundred by eighty feet on the ground, and four stories in height, including the mansard roof, and is supplied with gas and water, and heated by steam.

WILCOX HALL OF SCIENCE is one of the most modern buildings, devoted to educational purposes, in Western Pennsylvania. It was built with reference to science teaching only, and is perfectly adapted to the needs of scientific work. The building occupies a pleasant site on the College Campus and is itself architecturally beautiful. The lecture room is in the form of an amphitheater and will seat one hundred and twenty students. There are ten working rooms where students perform experiments and carry on investigation. All these departments are well equipped with illustrative apparatus and new pieces are being added as rapidly as possible.

APPARATUS.

The College possesses extensive cabinets of Mineralogy and Conchology, and complete Chemical and Physical apparatus of the most improved forms.

The apparatus comprises many distinct pieces, affording ample means of illustrating every branch of Physics and Chemistry now taught in collegiate institutions. Among the most expensive instruments are the following:

A Compound Microscope with accessories, manufactured by Zentmayer. A Rumkorff Induction Coil, giving a twelve inch spark, by E. S. Richie & Co. Apparatus for solidifying carbonic acid. Eighteen instruments to illustrate the laws of undulations. Auzoux's largest Anatomical Models of the eye, ear, brain, and larynx. Apparatus for reproducing Tyndall's experiments with heat. Two Polariscopes, with accessories. A Spectroscope with four prisms.

Complete apparatus for projection, including a first-class Educational Lantern, Double Stereopticon, Oxy-Hydrogen Microscope, Duboscq's apparatus for projecting polarized light. Friction Machine. Holtz Electrical Machine. A Phonograph. Two dynamos and accessories, etc. The optical instruments, excepting the Compound Microscope, Telescope, and Astronomical Transit, were made by M. Duboscq, of Paris.

The telescope is an 8-foot refractor, 7½ inch object glass; in power capable of separating minute double stars; manufactured by A. Clark & Son, Cambridge, Mass. The astronomical transit is a fine instrument from the hands of Stackpole Bros.

In Mathematics and Engineering all necessary instruments for illustrating pure and applied Mathematics are provided.

A Transit with Meridian Finder, a Prismatic Compass, two Sextants, Compass, Chain, Level, and other apparatus are in practical use.

THE MUSEUM.

The Museum embraces several distinct collections of Minerals, Shells, Fossils, etc.

1. The Prescott Collection, comprising 2,200 specimens of Marine, Terrestrial, and Fresh Water Shells, and about 3,000 specimens of Minerals and Fossils, was collected and mounted by Dr. William Prescott.

2. The Haldeman Collection has 550 excellent and carefully labeled specimens of Minerals, and about 2,000 specimens of Shells, and was purchased by S. S. Haldeman.

3. The Alger Collection.—This collection, made by Francis Alger, contains 5,000 specimens of Minerals, remarkable for their beauty and variety. It embraces also a large number of duplicates, and a handsome cabinet of about 1,500 specimens of shells.

4. Cabinet of Lithology and Palæontology.—This contains an entire series of the well-known Ward Casts, and a very comprehensive and valuable collection of Fossils and Rocks, to which additions are being made.

5. Smithsonian Collection.—In addition to several valuable collections heretofore obtained from the Smithsonian Institution, there have been added over 500 specimens of Land, Marine, and Fresh Water Shells from Panama, Vancouver's Island, and the West

Indies, chiefly obtained by Prof. C. A. Adams, and authentically labeled by H. Cumming and Dr. P. Carpenter, from the collection of D'Orbigny and Cumming.

6. Entomological Collection. The Cabinet of Insects embraces 3,000 species, carefully and accurately catalogued and classified. It was arranged by W. O. Currier, and donated by a friend of the College.

7. Natural History Collection.—In addition to the above named collections there are about 1,000 Zoological Specimens, including Birds, Reptiles, Fish, and Marine Animals, which are constantly being increased in number by the exertions of the friends of the department.

These collections greatly increase the scientific advantages of the College and furnish special incentives to the study of Natural Science.

THE LIBRARY AND READING ROOM.

The College Library contains about 14,000 volumes, many of them rare and valuable works. Special attention is being given to the purchase of new books, particularly such reference books as are needed by the various departments of college work.

The Library and Reading Rooms occupy the whole of the third floor of Ruter Hall. The Librarian gives his whole time to the Library and the students are able to make free use of books and periodicals at stated hours.

The Reading Room provides for the students a wide range of periodical literature, together with Dictionaries, Encyclopædias, Atlases, and other books of reference. Complete files of all the best magazines are continually kept on hand.

Admission.

Candidates for admission to the Freshman Class are required to pass a satisfactory examination in the following subjects:

Latin—Grammar (Allen and Greenough's preferred). Composition, Collar or Daniell. Cæsar, Gallic War, four books. Sallust, Catilina. Cicero, seven orations (the Manilian law to count as two).

Vergil, Æneid, six books. The Roman method of pronunciation is used. An equivalent amount in Arrowsmith and Whicher's Latin Readings will be accepted in place of Cæsar and Sallust.

Greek—Grammar (Goodwin's preferred). Beginner's Greek Book, White. Xenophon, Anabasis complete, or an equivalent of Attic prose. Prose Composition, Collar.

French or German—Two years' work, an amount equivalent to courses outlined on page 28.

English—English Grammar. The Elements of Rhetoric; the ability to write clear, idiomatic English, correct in spelling and punctuation, is expected. Elementary English Literature, an outline of the history of English and American Literature; critical readings from not less than ten of the standard writers. A wide range is given in the selection of authors, but it is expected that the readings will be from the more important writers.

Mathematics—Arithmetic, with the Metric System. Algebra, through Quadratic Equations (Wentworth's Complete Algebra preferred). Geometry, Plane and Solid.

History—United States, Johnston or Montgomery. Eastern Nations and Greece, Myers. Rome, Allen. Civil Government, Macy.

Science—Physical Geography, Eclectic or Guyot. Physiology, Walker. Natural Philosophy, with experiments, Gage.

Certificates for the above work will be received from approved schools. It is expressly understood, however, that the right is reserved to require preparatory work from students who are not able to make satisfactory progress in College classes.

Certificates from the regents of the State of New York will be accepted. All others must be made out on special blanks, which will be sent on application. No other certificates will be received.

Courses of Study.

The College has three parallel courses of study, which lead to the degree of Bachelor of Arts.

I. The Classical Course combines all the excellences of the time-honored classical course. By immemorial use it has proved its eminent value, and is

worthy of the confidence and respect which a long venerated observance gives. For a full and harmonious preparation for the varied professions and employments of life, it is unexcelled. The wide range of electives in the Junior and Senior years enables a student to do special work in favorite lines.

II. The Scientific Course requires the same preparation as the Classical, but French will be accepted in place of Greek. In the college years, the German language takes the place of the Freshman and Sophomore Greek, and additional science is substituted for the Latin of the Sophomore year. This course opens the treasures of Science in the Modern Languages, and by extensive laboratory practice prepares the student for original research. Young men looking towards chairs of Science in schools and colleges will find this course especially adapted to them.

III. The Course in Latin and Modern Languages requires the same preparation as the Classical, except that two years of French or German are substituted for two years of Greek in the second and third Preparatory years. Two years of German or French are substituted for two years of Greek in the Freshman and Sophomore years. This course has been adopted in order to accommodate students who prefer to leave out the Greek entirely and give more time to the Modern Languages.

Courses II. and III. are enlarged by the addition of elective studies as in the Classical course.

IV. The Course in English and Modern Languages, leading to the degree of Bachelor of Letters, requires the same preparation as the course in Latin and Modern Languages, except that for the three years of Latin there may be substituted two years of German, and extra work in Literature, History, or Science. This course, announced this year for the first time, offers thorough training in English, History, and the Modern Languages,

with liberal electives in other departments, and is especially adapted to those who want neither Latin nor Greek.

Departments of Instruction.

General Purpose.—This institution is a college, that is to say, a training school. Its purpose is to prepare those students who pass to the degree of Bachelor of Arts for any kind of professional study, but it does not undertake to prepare a student to enter upon any profession without special study. And it advises its graduates to avail themselves of the advantages of well-equipped universities. The experience of the college proves that its graduates are able to distinguish themselves in various professional careers, whenever they have added to their college training the special equipment for success in such professions. This general purpose controls the methods of the college in all departments of instruction. The end sought is not complete knowledge of any branch of study, but thorough discipline and correct habits of observation and reflection.

An increasing proportion of our graduates enter not upon professional but upon business life. The general principle above stated applies to them with as much force as to those who enter professions. The training of a college does not teach a man how to do business successfully, but it does prepare him to learn any business rapidly, and to attain large success, if he have the requisite talents.

Courses of Study in Various Departments of Instruction.

In this detailed description of the courses the number of "hours" refers to the number of hour recitations per week.

PHILOSOPHY.

The aim in this department is to secure for the student habits of philosophic thought and to enable him to come to a right knowledge of himself and his relations to nature, to his fellow men, and to God. Text books are used only as guides. So far as possible the masters of philosophy are studied from their own works. Emphasis is put on the necessity of independent investigation and independent thought.

Course I.—Logic.—Much attention is paid to careful drill in synonyms and definition, different forms of immediate inference, fallacies, logical analysis of themes, and the criticism of arguments. *Spring term, three hours.*

This course is elective in Junior year Scientific course, and is required in Junior year of the other courses.

Course II.—Psychology.—Outlines of the science. Recitations and informal lectures. *Fall term, four hours.*

Required in Senior year of all courses.

Course III.—History of Philosophy.—*Winter term, three hours.*

Elective in Senior year of all courses.

Course IV.—Ethics.—Recitations, Essays, and discussions. *Spring term, three hours.*

Required in Senior year of all courses.

Course V.—Christian Evidences.—Text book and informal lectures. *Winter term, three hours.*

Required in Senior year of all courses.

SCIENCE.

Physics and Chemistry.—The leading idea in the instruction given in these subjects is to prepare the student for independent research, upon the theory that such

method affords the highest mental discipline and the most satisfactory practical knowledge. Each student, furnished with sufficient material and apparatus to enable him to do so, will pursue his own investigations under such guidance as will secure precision in method and accuracy in results. Illustrated lectures will frequently be given to make the path clear and the labor interesting and successful.

The College has complete facilities for obtaining a thorough elementary knowledge of these branches. The costly and splendid apparatus, kept up to the times by occasional additions, and the laboratories, abundantly provided with chemicals, make these studies unusually attractive and satisfactory.

CHEMISTRY.

Course I.—Inorganic Chemistry. Lectures, class work, laboratory practice. Mineralogy. *Throughout the year, three hours.*
Required in Sophomore year of all courses.

Course II.—Chemical Analysis and Assaying, Organic Chemistry. *Throughout the year, three hours.*
Required in Junior year of the Scientific course and elective in Junior year of the Latin and Modern Language course.

PHYSICS.

Course I.—Class work, illustrated lectures, experiments. Fall term, Mechanics; Winter term, Electricity; Spring term, Hydraulics, Heat, Light, and Sound. *Throughout the year, three hours.*
Required in Junior year of all courses.

Course II.—Advanced work in experimentation. All branches of the subject are closely studied by original problems and investigation. *Throughout the year, three hours.*
Required in Senior year of the Scientific course. Open only to those who have completed Calculus.

ASTRONOMY.

Course I.—Young's General Astronomy. Practice in the use of astronomical instruments. Illustrated lectures.
Spring term, four hours.
Required in Junior year of the Scientific course; elective in Junior year of the other courses.

GEOLOGY.

Class work is supplemented by lectures and work in an excellent museum and by frequent excursions to points of interest in the vicinity. As much field work is done as is possible in the time allotted to the subject.

Course I.—Dynamical Geology. *Winter term, three hours.*
Required in Senior year of all courses.

Course II.—Historical Geology. *Spring term, three hours.*
Required in Senior year of the Scientific course; elective in Senior year of the other courses.

ZOOLOGY.

Course I.—Fall term, Comparative Anatomy; Winter term, Classification. *Three hours.*
Required in Freshman year of all courses.

BOTANY.

Course I.—Class work, lectures. Collection and mounting of fifty specimens. *Spring term, three hours.*
Required in Freshman year of all courses.

BIOLOGY.

Course I.—Study of the lower forms of plant and animal life and of the cell structure of higher forms. Microscopy. Mounting specimens. *Throughout the year, three hours.*
Required in the Sophomore year of the Scientific course.

GERMAN LANGUAGE AND LITERATURE.

In the study of German, no single method is pursued exclusively. The constant aim, however, is to learn it as a living language. Accordingly, conversational exercises are carried on once a week during the first two years and three times a week during the third year. Accurate grammatical knowledge is secured by prose composition exercises once each week throughout the courses. In the last year extensive sight-reading of the classic authors is required outside of class, and summaries of these authors are read in German or English by the various students before the class. Thus by wide reading, by constant conversation, and by writing, we would follow Bacon's

method for making "a full man," "a ready man," and "a correct man."

The outlines of German literature are studied in the last year by dictated lessons, by lectures in German during two weeks, or more, of each term, and by biographical readings in the larger encyclopædias.

Course I.—Joynes-Meissner Grammar; short, easy stories, like Storm's *Immensee*, for translation.

Throughout the year, four hours.

Elective in Sophomore year of the Classical course and required in Freshman year of the other courses.

Course II.—Grammar work continued; Modern Prose Fiction, with one Classic Drama. *Throughout the year, four hours.*

Elective in Junior year of the Classical course and in Sophomore year of the Scientific course, and required in Sophomore year of the Latin and Modern Language course.

For Scientific students who elect Greek in the Sophomore year, Course II. may be taken in the Junior year.

Course III.—Jagemann's German Composition; Classic plays. Extensive readings on which is based conversation.

Throughout the year, three hours.

Elective in Junior year of the Scientific and the Latin and Modern Language courses.

Course IV.—Composition, rapid reading, conversation, and literary study of writers of first rank.

Throughout the year, three hours.

This course is an elective for Seniors; it being alternated with Course III. on successive years, the Juniors and Seniors take either course together.

FRENCH LANGUAGE AND LITERATURE.

The aims and methods of this department are essentially the same as for the department of German, as detailed above.

Course I.—Chardenal's Complete French Course; easy prose translation. Super's and Rollins's French Readers or their equivalents. *Throughout the year, four hours.*

Course II.—Blouet's French Composition; wide reading of prose fiction, conversation. *Throughout the year, four hours.*

Courses I. and II. are elective in Sophomore and Junior years

of the Classical course; and if not offered in preparation, are required in Freshman and Sophomore years of the other courses in place of German I. and II.

Course III.—Composition, rapid reading, and outlines of literature. *Throughout the year, four hours.*

This course may be taken as an elective for third year French, as Courses II. and III. are given on alternate years. Only three hours per week credit, however, will be allowed those taking it as a third year course.

HEBREW.

A year's work in Hebrew is open to candidates for the Christian ministry. It is believed that the student thus taught in Hebrew, and familiar with the Greek Classics of the course, can easily fit himself by private study of the Greek Testament and additional work in Hebrew, to enter upon the second year in the Theological Seminary.

Course I.—Bissell's Hebrew Grammar, completed. Twelve or more chapters in Genesis read. *Throughout the year, four hours.* Elective in Senior year of the Classical course.

This course is given only on alternate years. It will be given during the year 1897-8.

MATHEMATICS.

Extended courses in pure and applied mathematics are offered, the work done being such as will be of the greatest value in mental discipline, and in the application of the subject to Science and Engineering.

Course I.—**Algebra**—The Binomial Theorem, Variables and Limits, Series, Determinants, Theory of Equations, Logarithms.

Geometry.—Lines and Planes in Space, Polyhedrons, Cylinders and Cones, the Sphere, Conic Sections. *Fall term, four hours.*

Trigonometry—Functions of Acute Angles, the Right Triangle, Goniometry, the Oblique Triangle, the Right Spherical Triangle. *Winter term, four hours.*

Trigonometry, the Oblique Spherical Triangle, Applications of Spherical Trigonometry. Application of Trigonometry to Surveying, Instruments and their uses, Land Surveying and Plotting. *Spring term, four hours.*

Required in Freshman year of all courses.

Course II.—Analytic Geometry.—Construction and Discussion of Equations, the Straight Line, Circle, Ellipse, Parabola, and Hyperbola, General Equation of the Conic Section.

Fall term, three hours.

Construction of Conics from their Equations, Tangents and Normals, Conics referred to Oblique Axes, Higher Plane Curves.

Differential Calculus.—Introductory Theorems, Differentiation of Explicit Functions, Transcendental Functions, Successive Differentiation, Development of Continuous Functions. *Winter term, three hours.*

Evolution of Illusory Forms, Maxima and Minima, Functions of Two or more Variables.

Integral Calculus.—Type Forms, General Methods of Transformation, Successive Integration, The Constant of Integration, Geometrical Applications.

Spring term, three hours.

Required of Scientific Sophomores. Sophomore elective in other courses.

Course III.—An advanced course in Higher Mathematics, taking up such subjects as are agreed upon by the class and the instructor.

Throughout the year, two hours.

Elective in Junior year of the Scientific course.

GREEK LANGUAGE AND LITERATURE.

The aim of the department is to lead the student to the acquisition of a living knowledge of the Greek language as an introduction to a practical acquaintance with Greek life and thought. It is believed that by careful and accurate work in the first years of the language the student can gain such knowledge as to enable him to read widely and independently. The courses laid down are such as are believed to be best adapted to that end. They are not invariably followed, but may be altered as the needs and tastes of the class make expedient. The work is varied, and an attempt is made to give a view of all departments of the literature. The department possesses the nucleus of a good collection of castes of antique sculpture, a small collection of painted vases and other antiquities, about a thousand photographs, and the begin-

ning of a collection of stereopticon slides. A start has been made in the foundation of a department library.

The Greek Club is a voluntary organization for the purpose of sight reading and private work in special lines. The work the current year has been in Homer's Odyssey.

Course I.—Homer.—*The Iliad* or *The Odyssey*. Detailed study of one or two books and rapid reading of as much more as the time allows. This rapid reading of the Homeric poems as literature is made the basis of the study of early Greek life and civilization. *Throughout the year, three hours.*

Private Reading in Xenophon's Hellenica, or an equivalent, and Prose Composition based thereon. The aim is to develop a vocabulary and an accurate knowledge of Greek syntax. *Throughout the year, one hour.*

Required of Classical Freshmen.

Course II.—Lysias.—*Selected Orations*. Study of Attic Legal Antiquities. Selections from Aristotle's Constitution of Athens are read as collateral work.

Plato.—*Apology* and *Crito* or *Phaedo*. Outline of Greek Philosophy.

Demosthenes.—*The Olynthiacs* or *The Philippics*. The rise and development of Greek oratory.

Jebb's Greek Literature, with lectures. Assigned readings on special topics in Greek history and literature. Reading at sight. *Throughout the year, three hours.*

Required of Classical Sophomores.

Course III.—A. Thucydides. A detailed study of the Peloponnesian War, using the Greek text as a basis of historical discussion. Much private reading is required in both Greek and English. *Throughout the year, three hours.*

B. Greek Drama. Detailed study of two plays and rapid reading of several others. Usually the following will be read: Æschylus' *Prometheus Bound*, Sophocles' *Œdipus Tyrannus* and *Antigone*, Euripides' *Medea*, and Aristophanes' *The Frogs*. *Throughout the year, three hours.*

A. and B. are offered in alternate years. In 1896-7 A. will be given.

Course IV.—Classical Archæology. Lectures on Architecture, Vase Painting, and Sculpture, illustrated with casts, photographs, and stereopticon views.

Throughout the year, two hours.

Elective for Classical Seniors. Given whenever elected by a sufficient number.

LATIN LANGUAGE AND LITERATURE.

The ultimate aim of the department is, by entering into close sympathy with the spirit of the author and his language, to lead to an intelligent enjoyment of the masterpieces of Latin literature. To gain this, the student is encouraged from the first to acquire the ability to apprehend the thought in the form and order in which it is unfolded in the Latin sentence. The courses have been arranged so as to give a wide range in the reading of the important authors in each period and each department of the literature. In Prose, courses will be offered in History, Philosophy, Rhetoric, and Epistolography, with a careful study of the style and Latinity of each author and of his age; in Poetry, in Dramatic, Lyric, Satiric, Didactic, and Epic, with a study of the structure of the verse employed by each individual poet.

In *Course I.* the aim will be to strengthen and extend the foundations already laid, to fix the forms and simpler principles of syntax well in mind, to acquire a well-ordered and somewhat extensive vocabulary. Latin composition as a means of securing accuracy in linguistic knowledge receives special attention during this year. A careful study of the second Punic War is made, and all matters relating to the Roman life and belief, their manners and customs, are carefully explained.

In the courses which follow a wider scope is given the instruction; the subject-matter is given greater prominence; private reading is added to the class work, that the student may be introduced to a wider range of works, and that the habit of private reading may, if possible, be

fostered in him. The more difficult passages in each author selected for this purpose will be read in the class and commented upon. The language used by Plautus and Terence will receive careful attention, and variations in form and syntax from the usage of the classical period will be pointed out. In the case of Horace the mould in which he has cast his thoughts will be carefully studied, and the student will be expected to read aloud in such a way as to exhibit the thought clearly, while still following accurately the metrical scheme. In *Course III.* an opportunity is offered for the study of Roman Rhetoric and Roman Satire. In connection with this course a careful study is made of the life and manners at Rome under the Early Empire. The letters of Pliny are read as a proper corrective to the satirical temper of Tacitus, Juvenal, and Martial.

For Seniors who desire to continue their Latin studies two courses are offered, the one in the didactic poem of Lucretius, the greatest of its kind in literature, the other, in the Æneid of Virgil, one of the greatest epics of the world. In the study of Lucretius the time will be occupied with a consideration of the poetical and literary side and with an exposition of his philosophical system. In the study of Virgil particular attention will be given to the growth and development of Epic poetry among the Romans. In the winter term the early writers in this field will be read, their general characteristics and influence discussed. In the spring term the Æneid is read rapidly and its general structure considered. Certain passages will be assigned for carefully written translations, and a certain amount of instruction given in methods of interpretation and text-criticism.

Course I.—Livy, Bks. XXI. and XXII. Cicero, *De Senectute* and *De Amicitia*. Translation at Sight and at Hearing. Prose Composi-

tion (Miller). The Second Punic War, Cornelius Nepos' Life of Hannibal. Wilkins' Roman Literature.

Throughout the year, four hours.

Required in Freshman year of all courses.

Course II.—*Class Work:* Plautus, *Captivi;* Terence, *Andria;* Horace, Odes, Epodes, and *Carmen Seculare;* Metres.

Private Reading: Plautus, *Miles Gloriosus;* Terence, *Phormio;* Catullus.

Lectures on the Roman Drama, and on Roman Life and Customs. *Throughout the year, three hours.*

Required in the Sophomore year of the Classical and Latin and Modern Language courses.

Course III.—*Class Work:* Quintilian, Book X. and portion of Book XII. Juvenal, Selected Satires. Tacitus, Annals, I., II., and IV. *Private Reading:* Horace, Epistles, Book II. with *Ars Poetica;* Pliny, Selected Letters; Tacitus, *Germania.*

Lectures on the Growth and Development of Roman Satire. General characteristics of the age as exhibited in the Life and Literature. *Throughout the year, two hours.*

Elective in Junior year of the Classical and Latin and Modern Language courses.

Course IV.—Lucretius, *De Rerum Natura*, Books, I., III., and V. Study of his Style, Diction, and Philosophy.

Fall term, two hours.

Course V.—*Latin Epic Poetry.* A course of lectures on the general characteristics of the Latin Epos, the influences that effected and moulded it, the chief representatives of each period in its development. *Vergil:* the authors who exerted a marked influence upon his style and upon whom he drew for some of his materials; his influence upon Latin Literature. Readings from Merry's "Fragments of Roman Poetry." Critical and exegetical study of selected passages in the works of Vergil. (Students should provide themselves Thilo's or Ribbeck's last edition.)

Winter and Spring terms, two hours.

Elective in Senior year of Classical and Latin and Modern Language courses.

HISTORY AND POLITICS.

Courses are offered in History and Politics throughout the Sophomore, Junior, and Senior years. The aim is to give to student such a knowledge of the facts and principles of history and politics as is essential to a liberal

education and as will serve as a preparation for graduate studies in these sciences or for the study of law and journalism. The courses offered in history are confined to the mediæval and modern periods. The studies in mediæval history are preceded by a brief review of ancient history. Instruction is given by means of lectures, text-books, essays, oral and written reports on readings assigned students in standard authorities.

(A) COURSES IN HISTORY.*

Course I.—Outlines of European History from 375 A. D. to the French Revolution. This course continues throughout the Sophomore year, and is required for admission to Courses II. and III. The work of the first half of the year is devoted to mediæval institutions and is based on Emerton's "Introduction to the Middle Ages" and "Mediæval Europe." Required readings are assigned in Fisher's "History of the Christian Church," and Adams's "Civilization of the Middle Ages." The work of the last half of the year is based on Duruy's "History of Modern Times. Required readings are assigned in standard authorities. *Three hours.*

Course II.—The Renaissance and the Reformation. This course continues throughout the Junior year. Lectures and text-book. The text-book work is based on Symond's "A Short History of the Renaissance" and Hausser's "The Period of the Reformation, 1517-1648." This course will be given in alternate years with Course III. Not given in 1896-7. *Three hours.*

Course III.—The French Revolution and Europe during the Nineteenth century. The first half of the year is devoted to the French Revolution and the Napoleonic Regime. Lectures and text-book. The text-book work is based on H. Morse Stephens' "European History, 1789-1515" and Rose's "The Revolutionary and Napoleonic Era." The last half of the year is devoted to a study of England, France, Germany, and Italy since the Congress of Vienna. Lectures and reports by students on assigned readings in standard authorities. *Three hours.*

Course IV.—Senior year. The first half of this year is devoted to a study of England since the Reformation. Lectures and text-book. The text-book work is based on Green's "Short History of the English People" and required readings in Taswell-

* One year's work in History is required in all courses. Students who cannot elect Course I. in the Sophomore year may do so in the Junior year.

Langmead's "Constitutional History of England." The last half of this year is devoted to the Political and Constitutional History of the United States from 1781 to 1861. Lectures and reports by students on assigned readings in Von Holst, Schouler, McMaster, and other standard authorities. *Two hours.*

(B) COURSES IN POLITICAL SCIENCE AND ECONOMICS.

Course I.—Comparative Politics.—This course continues throughout the Junior year and is historical as well as comparative in method. The first half of the year is devoted to a study of the State, its origin, development, forms and ends, and a study of the governments of ancient Greece and Rome and mediæval times. The last half of the year is devoted to a study of the development and a comparison of the present constitutions of England, France, Germany, and the United States. The work is based on Wilson's "The State," and Burgess' "Political Science and Comparative Constitutional Law." *Three hours.*

Course II.—Constitutional Law of the United States.—This course is given in the fall term of the Senior year. Its purpose is to give to students a knowledge of the general principles of the constitutional law of the United States, both national and statal. The work is based on the texts of Cooley and Von Holst. Besides the text-book work, a special examination of a few leading cases is required of each student. The class work will be supplemented by lectures given by eminent lawyers on special topics. *Two hours.*

Course III.—Outlines of the Science of Economics. Lectures and text-book. The text-book work is based on Gide's "Principles of Political Economy." Required in Senior year of all courses. *Fall term, four hours.*

Course IV.—Practical Applications of the Science of Economics to Social Problems. Lectures, discussions, essays, and reports on assigned readings. Only students who have completed the work of Course III., are admitted to this course. Senior year. *Winter term, three hours.*

Course V.—International Law.—The work of this course is based on Woolsey's and Davis' "International Law." Special attention is given to the more important treaties since the Peace of Westphalia and to current international relations. Senior year. *Spring term, two hours.*

ENGLISH LANGUAGE AND LITERATURE.

The aim is to enable the student to acquire facility, correctness, and clearness in writing English. The courses in Rhetoric and Literature are correlated and are so conducted as to supplement one the other. Essays and extempore writing are required frequently. The work in Literature aims to develop careful study, as opposed to cursory reading, of the great masters of the language. The historical study of the literature is attended with wide reading and careful study of well chosen specimens of the best authors.

Course I.—Practical Rhetoric.—Discussion and Criticism of Essays prepared. Assigned readings in Literature. Expression.

Throughout the year, one hour.

Required in Freshman year of all courses.

Course II.—Rhetoric.—The Science of Discourse. The development of a good individual style. Essays, Argumentation, Study of literary models, History of English Prose Literature, Genung's Practical Rhetoric and Minto's Manual of English Prose, Assigned Readings. *Throughout the year, three hours.*

Required in Sophomore year of all courses.

Course III.—Old English.—(Cook's *First Book in Old English*) once a week. **Chaucer.**—General characteristics of his age. Special study of the Prologue and Knight's Tale (Skeat's edition).

Fall term, three hours.

Shakespeare.—Critical study of *Julius Cæsar* (Craik's English of Shakespeare). Analysis of other plays. Study of the technique of the drama (Freytag) and of English Versification (Gummere's Poetics). *Winter term, three hours.*

English Philology.—The origin and development of the English Language. Course based upon Lounsbury's *History of the English Language* (Revised Edition).

Spring term, three hours.

Elective in Junior year of all courses.

Course IV.—Lectures on English Literature.—Critical rather than historical treatment of great writers.

Fall and Winter terms, two hours.

Elective in Senior year of the Scientific Course and required in Senior year of the other courses.

Course V.—Science of Criticism.—Lectures on Æsthetics.

Spring term, two hours.

Elective in Senior year of all courses.

Course VI.—Science of Language.—The origin and development of Language. Outlines of Comparative Philology.

Spring term, two hours.

Elective in Senior year of the Classical and Latin and Modern Language courses.

ENGLISH BIBLE.

Two courses are offered in the study of the English Bible. The importance of these courses can hardly be overestimated. The English Bible ought to be recognized as a necessary study in the Christian college.

Course I.—The origin and history of the Bible and its literary characteristics. *Winter term, two hours.*

Elective in Senior year of all courses.

Course II.—Study in the books of the Bible.

Spring term, two hours.

Elective in Senior year of all courses.

EXPRESSION AND ORATORY.

The work in this department aims to cover the essential principles of expression with their application, not only to public speaking, but also to everyday conversation. The object is to teach plain, simple reading; properly adjusting vowels and consonants, in order to bring out the melody in our language, which is too often lost sight of in careless methods of speech. As many voices differ in physical structure, it has been found best to adapt the work to individual needs, each member of the class receiving special attention in correction of mannerisms and defects. Individuality is considered of the first importance, and the training is not only for a better expression of the thoughts of others, but to help the student to a clearer interpretation of his own impressions. The less technique employed to gain the ability to read intelligently, the better.

Course I. provides a remedy for self-consciousness and

exhaustion in speaking, thus leading the student to comprehend the true value of expression in a liberal education.

Course I.—Fall Term.—Vocal Physiology. Breath control. Tone production and voice placing. Thorough drill in elementary sounds. Proper adjustment of vowels and consonants. Easy and distinct articulation. Talks on expression by instructor. Exercises to improve physical powers of expression. Essays on subject required. Special attention to mannerisms and vocal defects.

Winter Term.—Simple descriptive reading, colloquial style, Dickens, Hawthorne, etc. Natural modes of emphasis, inflection, quality, pause, time, etc. Melody in speech. Recitations with individual criticisms. Sight reading. Cultivation of imagination in rendition.

Spring Term.—Reading of more difficult prose and poetry. Analysis. Vocal culture with special reference to the conversational voice. Theory of motion.

Throughout the year, two hours.

Required in Junior year of all courses.

Course II.—Fall Term.—Work in analysis continued. Reading Shakespeare, Milton, Hugo, etc., with study of rendering. Lectures on motion. Application of principles. Philosophy of expression as developed by Delsarte.

Winter Term.—Orators, ancient and modern compared. Orations required. Personality in delivery. Extemporaneous speaking. Bible and hymn reading.

Spring Term.—Expression and Literature. Co-operation of the agents of expression; voice culture; pantomimic expression as a means of interpreting thought and feeling as presented in literature.

Throughout the year, one hour.

Elective in Senior year of all courses.

MILITARY SCIENCE AND TACTICS.

All male students below the Junior Class are required to attend Military Instruction unless taking training in the gymnasium, or unless excused for physical disability.

Practical Instruction.—The practical instruction in this department consists of drills of three hours in each week. The cadets are exercised and instructed during the year in the Infantry Tactics of the U. S. Army, comprising the School of the Soldier, the School

of the Company, and the School of the Battalion; and in all ceremonies, forms, parades, and reviews and honors to be paid by troops. Instruction in Artillery is given in the School of the Soldier Dismounted, Manual of Piece, Mechanical Manœuvers, and the School of the Battery Dismounted. Breech-loading cadet rifles and accoutrements, and 3-inch wrought iron rifles, with all the necessary ammunition, are supplied by the Ordnance Department, U. S. Army. Instruction is also given in fencing, target practice, and the duties of guards and sentinels. The drills take place in the latter part of the afternoon, after the close of recitations, and should not interfere in the least with the study hours of the student.

Theoretical Instruction.—The course of theoretical instruction by recitation covers about the same ground as the practical instruction. For the first year, students are required to attend the practical instruction and lectures only. After one year's practical work they are expected to attend two recitations per week in Infantry Tactics. In addition to the recitations, lectures on military subjects are given. The course of lectures includes the most important subjects of the Art and Science of War, Ordnance and Gunnery, and Field Fortifications.

Uniform, Etc.—All cadets are required to be provided with a uniform, of the pattern prescribed by the faculty of the College, which will be worn on all drills, parades, etc., and at all practical military instruction. This uniform, which costs from twelve to twenty dollars complete, need not be considered an extra expense, as the student must be clothed anyway, and not being striking in appearance, it can be worn on all occasions, and is habitually worn by a great many cadets. It is of good, serviceable cloth, and as a rule will wear much better than an ordinary business suit of the same price. To secure uniformity, it should be procured in Meadville.

A certain part of each day should be given up to physical exercise, and it is thought that military drill furnishes one of the most valuable means of exercise and at the same time gives a young man a tendency to hold himself in an erect, manly way, and teaches him habits of neatness, punctuality, obedience, self-control, and respect for superiors, which cannot be acquired with such facility by any other means. It teaches *manliness* when a young man most needs such teaching. At the same time the student is acquiring a valuable knowledge of military matters which may or may not be of use to him. Quite a number of graduates of this college are giving military instruction in other institutions, and in some cases the want of it has cost graduates good positions.

By the laws of Pennsylvania, a graduate who has taken military instructions for four years, and has held the rank of Cadet Captain

for six months at a college to which an officer is detailed by the War Department of the Government, will, upon application, be appointed Brevet Second Lieutenant in the National Guard of the State.

The names of three graduates of the college most distinguished in Military Science and Tactics each year are published in the Official Register of the U. S. Army, and in General Orders of the Army. Such graduates would have a good basis for application for civil appointments as officers in the U. S. Army.

The military knowledge acquired can never come amiss, and in case of the United States being engaged in war, the advantages which would accrue from it would be incalculable. In taking military instruction the student assumes no legal obligations for military service thereafter.

The attention of parents and guardians is called to the value of this Department. While its first object is to instruct the student in the fundamental principles of Military Art, it also gives a mental and physical training which would strongly recommend its advantages to those responsible for the education of young men.

PHYSICAL TRAINING.

For Young Men.—The college is using a rented gymnasium, thoroughly equipped with necessary apparatus, bath rooms, and lockers. Regular class work is given under charge of a competent instructor provided by the college. It is recognized that the student needs systematic bodily culture under guidance, and the aim is to secure thorough, healthful, and regular physical exercise rather than special training for athletic contests. All students are urged to take advantage of this instruction.

For Young Women.—This subject is considered of the first importance, and every thing is done to promote and to maintain the health of young women.

There is an abundance of time for out-door exercise, but during those seasons of the year when this seems impracticable, two lessons a week are given in physical training. It is urgently recommended that the lesson be supplemented with practice on intervening days.

No apparatus is used. The health exercises consist mostly of breathing, relaxing, stretching, and free gymnastics. No special system is employed, but the most

helpful exercises are selected from different ones, and applied to suit individual needs. Those taken from Delsarte's System of Oratory, combined with excellent movements from Ling, have brought the most gratifying results; and nearly every year the report comes to us, "Without the Health Exercises I am convinced I could not have finished my college course."

This is largely due to the fact that the student is taught *how to rest*, as a preparation for learning *how to exercise*. The nerve training is most beneficial, as it guards against the too frequent error of gaining muscular development at the expense of nervous force. Believing that a well poised and well controlled body must have a reflex influence on the mind, the object in this course is to supplement mental training with physical training, thus sending out at graduation vigorous, graceful, and true women.

All young women living in Hulings Hall are required to take the course, unless presenting a certificate from a physician. Those living in town may avail themselves of the privilege.

LECTURES.

In addition to the regular work of the department, special lectures are given during the year by members of the faculty on a variety of subjects related to the work of higher education. Many of these lectures are illustrated with fine stereopticon views, and hence are entertaining as well as profitable.

As in the year 1894-5, courses of lectures have also been given by men outside of the faculty. These courses have been of real service in the work of the college. They have been supplementary to the regular department work as done by the professors. The following is a list of the special lectures for 1895-6 with their subjects:

Rev. S. H. Prather, Ph. D.

I.—*The Son of Mary.*

II.—*The Son of God.*

Mr. S. W. Bolles, Editor Erie Dispatch.
The Fourth Estate.

Rev. W. F. Oldham, D. D.
I.—*The Epics of India.*
II.—*Japan and her People.*
III.—*Our Missionary Opportunity.*

Prof. Thos. C. Blaisdell.
I.—*Some Fundamental Elements in Literature.*
II.—*How to Understand Literature.*

Hon. J. W. Lee.
The Power of Spoken Language.

Prof. H. V. Hotchkiss, Ph. D.
Two Lectures on *School Management.*

Hon. Pearson Church.

Prof. George I. Wright, Ph. D.
Pedagogics.

Similar courses of lectures are being provided for the scholastic year, 1896-7, and will be announced later. All these courses, though provided primarily for the benefit of the college students, are free to the public.

Schedule of Courses.

In the following courses at least one hundred eighty term hours must be completed for graduation. Forty-eight of these are required work in the Freshman year; not less than forty-five or more than fifty-one may be taken in the Sophomore year; not less than forty-two or more than forty-eight may be taken in the Junior year; and forty-two are to be taken in the Senior year. It will be noticed that if the minimum of work be taken in the Sophomore year, more than the minimum will be needed in the Junior year to complete the one hundred eighty term hours required for graduation. *By "term hour" is meant one hour a week for one term.*

Studies not marked elective are required. From the electives the student will select enough to amount to not less than the minimum or more than the maximum requirements of each term. All elections are subject to the approval of the Faculty.

In the tables Arabic numerals denote the number of hours per week. Roman numerals refer to courses as detailed under Departments of Instruction.

Freshman Year.

All Studies Required.

	Classical.	Scientific.	Latin and Modern Languages.
Fall Term.	Latin I. 4. Greek I. 4. Mathematics I. 4. Zoology I. 3. English I. 1. Military Drill.	Latin I. 4. German I. 4. Mathematics I. 4. Zoology I. 3. English I. 1. Military Drill.	Latin I. 4. German I. 4. Mathematics I. 4. Zoology I. 3. English I. 1. Military Drill.
Winter Term.	Latin I. 4. Greek I. 4. Mathematics I. 4. Zoology I. 3. English I. 1. Military Drill.	Latin I. 4. German I. 4. Mathematics I. 4. Zoology I. 3. English I. 1. Military Drill.	Latin I. 4. German I. 4. Mathematics I. 4. Zoology I. 3. English I. 1. Military Drill.
Spring Term.	Latin I 4. Greek I. 4. Mathematics I. 4. Botany I. 3. English I. 1. Military Drill.	Latin I. 4. German I. 4. Mathematics I. 4. Botany I. 3. English I. 1. Military Drill.	Latin I. 4. German I. 4. Mathematics I. 4. Botany I. 3. English I. 1. Military Drill.

Sophomore Year.

The student must elect enough to make not less than fifteen or more than seventeen hours a week.

	Classical.	Scientific.	Latin and Modern Languages.
Fall Term.	Latin II. 3. Greek II. 3. Chemistry I. 3. English II. 3. Military Drill. *Elective.* German I. 4. French I. 4. Mathematics II. 3. History I. 3.	Mathematics II. 3. Chemistry I. 3. Biology I. 3. English II. 3. Military Drill. *Elective.* Elementary Greek. 5. German II. 4. History I. 3.	Latin II. 3. German II. 4. Chemistry I. 3. English II. 3. Military Drill. *Elective.* Mathematics II. 3. History I. 3.
Winter Term.	Latin II. 3. Greek II. 3. Chemistry I. 3. English II. 3. Military Drill. *Elective.* German I. 4. French I. 4. Mathematics II. 3. History I. 3.	Mathematics II. 3. Chemistry I. 3. Biology I. 3. English II. 3. Military Drill. *Elective.* Elementary Greek. 5. German II. 4. History I. 3.	Latin II. 3. German II. 4. Chemistry I. 3. English II. 3. Military Drill. *Elective.* Mathematics II. 3. History I. 3.
Spring Term.	Latin II. 3. Greek II. 3. Chemistry I. 3. English II. 3. Military Drill. *Elective.* German I. 4. French I. 4. Mathematics II. 3. History I. 3.	Mathematics II. 3. Chemistry I. 3. Biology I. 3. English II. 3. Military Drill. *Elective.* Elementary Greek. 5. German II. 4. History I. 3.	Latin II. 3. German II. 4. Chemistry I. 3. English II. 3. Military Drill. *Elective.* Mathematics II. 3. History I. 3.

Junior Year.

The student must elect enough to make not less than fourteen or more than sixteen hours a week.

	Classical.	Scientific.	Latin and Modern Languages.
Fall Term.	Physics I. 3. Elocution I. 2. *Elective.* Latin III. 2. Greek III. 3. German II. 4. French II. 4. Englsh III. 3. Political Science I. 3. History II. 3.	Physics I. 3. Chemistry II. 3. Elocution I. 2. *Elective.* German III. 3. French III. 3. Mathematics III. 2. English III. 3. Political Science I. 3. History II. 3.	Physics I. 3. Elocution I. 2. *Elective.* Latin III. 2. German III. 3. French III. 3. Chemistry II. 3. English III. 3. History II. 3. Political Science I. 3.
Winter Term.	Physics I. 3. Elocution I. 2. *Elective.* Latin III. 2. Greek III. 3. German II. 4. French II. 4. English III. 3. Political Science I. 3. History II. 3.	Physics I. 3. Chemistry II. 3. Elocution I. 2. *Elective.* German III. 3. French III. 3. Mathematics III. 2. English III. 3. Political Science I. 3. History II. 3.	Physics I. 3. Elocution I. 2. *Elective.* Latin III. 2. German III. 3. French III. 3. Chemistry II. 3. English III. 3. History II. 3. Political Science I. 3.
Spring Term.	Physics I. 3. Logic I. 3. Elocution I. 2. *Elective.* Latin III. 2. Greek III. 3. German II. 4. French II. 4. Astronomy I. 4. English III. 3. Political Science I. 3. History II. 3.	Physics I. 3. Chemistry II. 3. Astronomy I. 4. Elocution I. 2. *Elective.* German III. 3. French III. 3. Mathematics III. 2. English III. 3. Logic I. 3. Political Science I. 3. History II. 3.	Physics I. 3. Logic I. 3. Elocution I. 2. *Elective.* Latin III. 2. German III. 3. French III. 3. Chemistry II. 3. Astronomy I. 4. English III. 3. History II. 3. Political Science I. 3.

Senior Year.

The student must elect enough to make fourteen hours a week.

	Classical.	Scientific.	Latin and Modern Languages.
Fall Term.	English IV. 2. Metaphysics II. 4. Political Science III. 4. *Elective.* Greek IV. 2. Latin IV. 2. German IV. 3. French III. 3. Hebrew I. 4. History IV. 2. Constitutional Law II. 2. Elocution II. 1.	Physics II. 3. Metaphysics II. 4. Political Science III. 4. *Elective.* German IV. 3. English IV. 2. History IV. 2. Constitutional Law II. 2. Elocution II. 1.	English IV. 2. Metaphysics II. 4. Political Science III. 4. *Elective.* Latin IV. 2. German IV. 3. History IV. 2. Constitutional Law II. 2. Elocution II. 1.
Winter Term.	Geology I. 3. English IV. 2. Evidences of Christianity V. 3. *Elective.* Greek IV. 2. Latin V. 2. German IV. 3. French III. 3. Hebrew I. 4. History IV. 2. English Bible I. 2. History of Philosophy III. 3. Political Science IV. 3. Elocution II. 1.	Physics II. 3. Geology I. 3. Evidences of Christianity V. 3. *Elective.* German IV. 3. English IV. 2. History IV. 2. English Bible I. 2. History of Philosophy III. 3. Political Science IV. 3. Elocution II. 1.	Geology I. 3. English IV. 2. Evidences of Christianity V. 3. *Elective.* Latin V. 2. German IV. 3. History IV. 2. English Bible I. 2. History of Philosophy III. 3. Political Science IV. 3. Elocution II. 1.
Spring Term.	Ethics IV. 3. *Elective.* Greek IV. 2. Latin V. 2. German IV. 3. French III. 3. Hebrew I. 4. Geology II. 3. Criticism V. 2. History IV. 2. English Bible II. 2. International Law V. 2. Science of Language VI. 2. Elocution II. 1.	Physics II. 3. Geology II. 3. Ethics IV. 3. *Elective.* German IV. 3. Criticism V. 2. History IV. 2. English Bible II. 2. International Law V. 2. Elocution II. 1.	Ethics IV. 3. *Elective.* Latin V. 2. German IV. 3. Geology II. 3. Criticism V. 2. History IV. 2. English Bible II. 2. International Law V. 2. Science of Language VI. 2. Elocution II. 1.

English and Modern Language Course.

The regulations regarding requirements and electives under "Courses of Study in Various Departments of Instruction," pp. 25–40 do not apply to this course.

Fifteen hours a term required.

	Freshman.	Sophomore.	Junior.	Senior.
Fall Term.	French III. 3. German III. 3. Mathematics I. 4. Zoology I. 3. English I. 2. Military Drill.	German IV. 3. Chemistry I. 3. English II. 3. History I. 3. Elocution I. 3. Military Drill.	English III. 3. History II. 3. Elocution II. 2. *Elective.* Chemistry II. 3. Physics I. 3. Political Science I. 3.	English IV. 2. Metaphysics II. 4. Political Science III. 4. History IV. 2. Constitutional Law II. 2. Elocution III. 1.
Winter Term.	French III. 3. German III. 3. Mathematics I. 4. Zoology I. 3. English I. 2. Military Drill.	German IV. 3. Chemistry I. 3. English II. 3. History I. 3. Elocution I. 3. Military Drill.	English III. 3. History II. 3. Elocution II. 2. *Elective.* Chemistry II. 3. Physics I. 3. Political Science I. 3.	English IV. 2. Evidences of Christianity V. 3. History IV. 2. *Elective.* Geology I. 3. English Bible I. 2. History of Philosophy III. 3. Political Science IV. 3. Elocution III. 1.
Spring Term.	French III. 3. German III. 3. Mathematics I. 4. Botany I. 3. English I. 2. Military Drill.	German IV. 3. Chemistry I. 3. English II. 3. History I. 3. Elocution I. 3. Military Drill.	English III. 3. History II. 3. Elocution II. 2. *Elective.* Chemistry II. 3. Astronomy I. 4. Physics I. 3. Political Science I. 3. Logic I. 3.	Criticism V. 2. History IV. 2. Ethics IV. 3. *Elective.* Geology II. 3. English Bible II. 2. International Law V. 2. Science of Language VI. 2. Elocution III. 1.

Engineering Department.

The object of this course—which is not parallel to the literary courses—is to fit young men for civil and mechanical engineering, and to furnish a sound business education. It is well known that the demand for engineers is much greater than the supply. Our graduates have hitherto secured employment immediately after graduation, and, although this department is only ten years old, some of its graduates have already advanced to honorable and profitable positions. The course is thoroughly practical and adapted not only to those who intend to practice engineering as a profession, but also to the wants of a class of students having only a common school education and desiring to fit themselves as soon as possible for some of the numerous new pursuits opened by modern invention and science.

PREPARATION.

The subjects required for admission to this department are:

Arithmetic, Algebra, Geometry, Descriptive and Physical Geography, Natural Philosophy, Physiology, English Grammar, Elementary Rhetoric, Elementary English Literature with Readings, United States History, Ancient History, Civil Government, Two Years' Work in French.

The nature and amount of the required work in these subjects is the same as for the regular courses, and will be found detailed on pages 21 and 22.

SCIENCE.

The courses are the same as in the regular Scientific course. The detailed work is fully described on pages 25–27.

MATHEMATICS.

The courses are the same as in the regular Scientific course as detailed on page 29.

ENGINEERING.

Work in drawing and allied subjects is required for three years, beginning with Freehand Drawing and being completed in Architectural Drawing and Stereotomy. Study of Structures, Drafting, extended work in Surveying and Plotting, and all practical engineering

subjects are closely studied. All necessary instruments are provided and the student is thoroughly drilled in their use. This branch of the subject is made eminently practical in every particular.

GERMAN.

Two years' work is required in the Freshman and Sophomore years. For detailed statement see page 27.

ELECTIVE WORK.

In the Junior and Senior years, in addition to the required technical subjects, the students will elect work from the courses offered in English, History, Political Science, Philosophy, and other subjects. No subject can be elected, however, for which the student has not had satisfactory preparation.

The accompanying table exhibits the work of the department. The Roman numerals refer to courses of instruction as detailed on pages 25–39; the Arabic numerals refer to the number of hour recitations a week. The work through the first two years is all required. In the Junior and Senior years the student will elect enough work to make a total of not less than fourteen hours a week.

DEGREE.

On completion of the course the degree of Civil Engineer is conferred.

CIVIL ENGINEERING COURSE.

	Freshman.	Sophomore.	Junior.	Senior.
Fall Term.	Freehand Drawing. 4. Mathematics I. 4. Zoology I. 3. German I. 4. Military Drill.	Drawing. 1. Descriptive Geometry. 4. Mathematics II. 3. Chemistry I. 3. German II. 4. Military Drill.	Topographical Drawing. 3. Physics I. 3. Chemistry II. 3. *Elective.* English II. 3. Mathematics III. 2. Biology I. 3. History I. 3. Political Science I. 3.	Railroad Engineering.* 4. Physics II. 3. *Elective.* English IV. 2. History II. 3. Political Science III. 4. Metaphysics II. 4. Constitutional Law II. 2.
Winter Term.	Mechanical Drawing. 4. Mathematics I. 4. Zoology I. 3. German I. 4. Military Drill.	Shades and Shadows. } 4. Perspective Drawing. } Mathematics II. 3. Chemistry I. 3. German II. 4. Military Drill.	Architectural Drawing. 2. Roads, Streets, and Pavements. 2.* Physics I. 3. Chemistry II. 3. *Elective.* English II. 3. Mathematics III. 2. Biology I. 3. History I. 3. Political Science I. 3.	Bridges and Roofs. 4. Physics II. 3. Geology I. 3. *Elective.* English IV. 2. History II. 3. Political Science IV. 3. History of Philosophy III. 3. English Bible I. 2. Evidences of Christianity V. 3.
Spring Term.	Descriptive Geometry. 4. Mathematics I. 4. Botany I. 3. German I. 4. Military Drill.	Machine Drawing. 5. Mathematics II. 3. Chemistry I. 3. German II. 4. Military Drill.	Civil Engineeering. 4. Physics I. 3. Chemistry II. 3. *Elective.* English II. 3. Mathematics III. 2. Biology I. 3. History I. 3. Political Science I. 3.	Stereotomy. 2.* Physics II. 3. Geology II. 3. Astronomy I. 4. *Elective.* Criticism V. 2. History II. 3. International Law VI. 2. English Bible II. 2. Thesis on some Professional Topic.

*Not to be offered in 1896–7. Will be taught in 1897–8.

Preparatory Department.

GENERAL STATEMENT.

In response to a demand for a thorough course of study adapted to the preparation of pupils for entrance to college without loss of time, the Trustees established the Preparatory School. The school is under the general supervision of the President and Faculty of the College, and the students are subject to the same regulations as college students.

Students who are nearly ready to enter college, prepared in some studies and behind in others, will usually gain time by availing themselves of the privilege of pursuing some studies in the Preparatory Department and some in the College. A whole year is often saved in this way.

ADMISSION.

For entrance to the Preparatory Department, students should have a thorough knowledge of Spelling, Descriptive Geography, Arithmetic, and the elements of English Grammar. Candidates for higher standing will be examined in the subjects pursued by the class to which they desire admission.

All students should bring certificates of good character from pastor or teacher, and present the same to the Principal. Certificates of studies pursued will be accepted from approved schools. No certificates will be accepted which are not made out on special blanks, which will be furnished on application.

REPORTS.

At the middle and end of each term, parents and guardians are furnished with statements of the conduct and class standing of pupils in this department.

Classical Course.

Sixteen hours a week are required.

	First Year.	Second Year.	Third Year.
Fall Term.	Latin I. 5. Elementary Rhetoric. 3. Physiology. 4. U. S. History. 4.	Latin IV. 5. English I. 1. Algebra I. 5. Greek I. 5.	Latin VII. 5. English IV. 1. Algebra III. 5. Greek IV. 5.
Winter Term.	Latin II. 5. Elementary English Literature I. 3. Physical Geography. 4. Ancient History I. 4.	Latin V. 5. English II. 1. Algebra II. 5. Greek II. 5.	Latin VIII. 5. English V. 1. Geometry I. 5. Greek V. 5.
Spring Term.	Latin III. 5. Elementary English Literature II. 3. Ancient History II. 5. Civil Government. 3.	Latin VI. 5. English III. 1. Natural Philosophy. 5. Greek III. 5.	Latin IX. 5. English VI. 1. Geometry II. 5. Greek VI. 5.

Scientific Course.

Sixteen hours a week are required.

	First Year.	Second Year.	Third Year.
Fall Term.	Latin I. 5. Elementary Rhetoric. 3. Physiology. 4. U. S. History. 4.	Latin IV. 5. English I. 1. Algebra I. 5. Greek I. 5; or French I. 5.	Latin VII. 5. English IV. 1. Algebra III. 5. Greek IV. 5; or French IV. 5.
Winter Term.	Latin II. 5. Elementary English Literature I. 3. Physical Geography. 4. Ancient History I. 4.	Latin V. 5. English II. 1. Algebra II. 5. Greek II. 5; or French II. 5.	Latin VIII. 5. English V. 1. Geometry I. 5. Greek V. 5; or French V. 5.
Spring Term.	Latin III. 5. Elementary English Literature II. 3. Ancient History II. 5. Civil Government. 3.	Latin VI. 5. English III. 1. Natural Philosophy. 5. Greek III. 5; or French III. 5.	Latin IX 5. English VI. 1. Geometry II. 5. Greek VI. 5; or French VI. 5.

Latin and Modern Language Course.

Sixteen hours a week are required.

	First Year.	Second Year.	Third Year.
Fall Term.	Latin I. 5. Elementary Rhetoric. 3. Physiology. 4. U. S. History. 4.	Latin IV. 5. English I. 1. Algebra I. 5. French I. 5.	Latin VII. 5. English IV. 1. Algebra III. 5. French IV. 5.
Winter Term.	Latin II. 5. Elementary English Literature I. 3. Physical Geography 4. Ancient History I. 4.	Latin V. 5. English II. 1. Algebra II. 5. French II. 5.	Latin VIII. 5. English V. 1. Geometry I. 5. French V. 5.
Spring Term.	Latin III. 5 Elementary English Literature II. 3. Ancient History II. 5 Civil Government 3	Latin VI. 5. English III. 1. Natural Philosophy. 5. French III. 5.	Latin IX. 5. English VI. 1. Geometry II. 5. French VI. 5.

DESCRIPTION OF THE WORK.

The following is an outline of the various branches of study.

LATIN.

I.-II.—First Latin Book, *Collar and Daniell.*

III.—Prose Composition, *Collar.*

IV.-V.—Selected Latin Readings, *Arrowsmith and Whicher.*

VI.—Cicero, Orations I. and II. against Catiline, *Kelsey.* Latin Prose.

VII.—Cicero, Orations III. and IV. against Catiline, Oration for Archias, Selected Letters.

VIII.—Vergil, Æneid, Books I. and II., *Greenough.* Prosody, Mythology.

IX.—Vergil, Æneid, Books III.–VI. Mythology.

GREEK.

I.-II.—Beginner's Greek Book, *White.* Special attention given to translation from English into Greek.

III.—Beginner's Greek Book. Xenophon, Anabasis begun, *Goodwin.*

IV.-V.—Xenophon, Anabasis, Books I.–IV.

VI.—Xenophon, Anabasis, Books V.–VII.

ENGLISH.

Elements of Rhetoric and Composition, *Hill;* English Literature, *Kellogg.* Critical readings from Shakespeare, Bacon, Milton, Goldsmith, Byron, Dickens, George Eliot, Macaulay, Tennyson, Irving, and Longfellow.

I.-VI.—Special work in composition based on readings from standard authors throughout the second and third years, one hour a week.

FRENCH.

I.-III.—French Course, *Chardenal;* easy prose translation. French Reader, *Super,* or an equivalent.

IV.-VI.—Composition, *Blouet;* wide reading of prose fiction, conversation.

MATHEMATICS.

I.-III.—Algebra. Through Quadratics, *Wentworth's Complete.*

I.-II.—Geometry, Plane and Solid, *Wentworth.*

SCIENCE.

Physiology, *Walker.* Natural Philosophy with laboratory experiments, *Gage.* Physical Geography, *Eclectic.*

HISTORY.

United States History, *Montgomery.* Civil Government, *Macy's "Our Government."* History of the Eastern Nations and Greece, *Myers.* Shorter History of the Roman People, *Allen.*

OTHER PREPARATORY SCHOOLS.

The following are regular preparatory schools for this college, and students holding certificates from them are admitted without examination.

PITTSBURG CONFERENCE.

BEAVER COLLEGE, BEAVER, PA.,
W. J. ALEXANDER, A. M., PRINCIPAL.

ERIE CONFERENCE.

CHAMBERLAIN INSTITUTE, RANDOLPH, N. Y.,
REV. E. A. BISHOP, PH. D., PRINCIPAL.

EAST OHIO CONFERENCE.

WESTERN RESERVE SEMINARY, WEST FARMINGTON, O.
REV. T. H. ARMSTRONG, PH. D., PRINCIPAL.

General Information.

EXPENSES.

All students pay an incidental fee of $15 a term, and will not be enrolled in classes without the Treasurer's receipt.

In the Laboratory each student in Chemistry, Course I., pays $2.50 a term for use of chemicals and apparatus, and in Course II., $5.00. In Biology an extra fee, sufficient to cover the cost of material, will be charged. Students in the Civil Engineering Course pay a fee of $5 in addition to the incidental fee.

The College does not provide room and boarding for young men, but the Faculty will render all possible aid to students in securing comfortable homes. Good furnished rooms can be secured, costing each occupant about sixty cents a week, the rooms to be taken care of by the owners and not by the students. The College can do no better for the students than to place them in private families, surrounded by the influences of a home life; and experience proves that herding young men in barracks is not the best way to secure their moral culture.

The most important item in the expenses of a student is the cost of living. Every effort has been made to reduce the living expenses as low as possible, and at the same time secure everything that is necessary for health and comfort.

The young men of the College may board in clubs or in private families; the latter costing about one-third more than the former. A club is simply an arrangement to divide the cost of table board among the boarders. It is a boarding house conducted on the co-operative principle. Provisions are bought at a discount, and expense is saved by increasing the number of boarders. The club is managed by a commissary, who receives and pays the

money, makes all purchases, and employs the help. For this service he receives a small weekly payment from each member of the club. The commissary is always a student, and several students work their way through college as comissaries. The cost of good table board is in this way reduced to from $1.90 to $2.30 per week. Provided the student have a room-mate, the estimate for the necessary expenses, based upon good club board, is as follows for a term of twelve weeks:

LOWEST.

Room Rent, Fuel, and Light	$ 7 00
Table Board	23 00
Books	2 00
Term Fee	15 00
Total	$47 00

LIBERAL.

Room Rent, Fuel, and Light	$15 00
Table Board	28 00
Books	7 00
Term Fee	15 00
Total	$65 00

To this must be added personal laundry and a small annual expense in the literary society to which the student belongs. As these estimates are based on actual cost, $55 per term is believed to be sufficient to cover the necessary expenses. Of course, we do not include in "necessary expenses" what students are sometimes inclined to spend on social privileges, concerts, oyster suppers, and the like. But an economical student can live on $55 a term and suffer no social disparagement: indeed, each year several students spend less than this and yet live comfortably. The only caste in the college in based on good conduct and good work.

Club Rules.—The club commissaries of the college have agreed upon the following rules:

1. Every member of the club must deposit $10 when he enters the club, and at the opening of every term.

2. Each member must also pay at the end of the first and second months of each term the full amount of his share of the expenses for each month.

3. The deposit of $10 will be applied as far as may be needed to the expenses of the third month of the term.

These regulations are necessary to enable the commissaries to buy advantageously for cash, and to relieve members of all risks from bad debts. There are no profits; therefore there can be no losses. A student dismissed from one club for slackness in meeting his obligations will not be admitted to any other. The club system is worth at least forty dollars a year to each student. It is therefore to the interest of all to support the system by prompt payment.

HULINGS HALL.

A Home for Young Women.—Allegheny College is a co-educational institution. Co-education is no longer on the defensive. Within the last few years many old and reliable institutions have opened their doors to young women on an equality with young men. Co-education is in the air. It is believed by many, however, that there are some features of the Woman's College which should be preserved in our educational system—among them the home idea. In our Hulings Hall we try to furnish an ideal educational home for young women. This Hall is in charge of a competent and accomplished Preceptress, who devotes her whole time to the interests of the home. Her influence is constantly felt in the social, moral, and religious development of the young women under her charge. In addition to the Preceptress we have a resident teacher. Her presence adds greatly to the advantages of the home.

Expenses of Young Women.—The expenses of young women are about the same as those of young men. They

pay in Hulings Hall for furnished rooms, heat, and light, about the same rate as young men pay in private houses. Each should bring with her the following articles: Sheets, pillow cases, and bed covering; towels, napkins, knife, fork, and spoons. The rooms are furnished with beds, mattresses, pillows, chairs, and tables. The young ladies pay room rent at the beginning of each term, at the following rates: In the main corridors: If two occupy a room, each will pay $8 a term on the second floor; if one has a room exclusively, she will pay $12 a term. In the rear corridors: Two in a room, each will pay $5 a term; if one has a room exclusively, she will pay $8 a term. On the third floor each student will pay one dollar less than on lower floors. Permission to occupy rooms exclusively will be granted by the Preceptress when the number of furnished rooms is sufficient.

The total expenses for room, heat, light, and board will vary from $3.50 to $4.50 a week, depending largely on the location of the room and whether the student occupies a room alone.

Regulations.—Young women not living at home or with relatives must live in Hulings Hall. Applicants for admission to the Hall are reminded that the purpose of residence there is not social but educational. They are supposed to be not children, but young women with fixed principles and elevated aims. The regulations are not artificial or arbitrary, but such as are considered essential to the ends for which the Hall is maintained. All proper freedom is accorded the residents, but the authorities of the College reserve the right to decide what "proper freedom" is. The idea of the Hall is a Christian educational home.

SELF HELP.

Young men help themselves in several ways. About twenty of the present students are paying their expenses in

whole or in part. There are ten or twelve employed in light work connected with the College or the boarding clubs. Others are serving churches in the neighborhood of Meadville. It is the policy of the College to help students to help themselves, and at the same time to keep the expenses as low as is consistent with comfort and health. As a rule, a student should have at least $100 in hand, or in prospect, when he enters; if he has pluck, health, and studious habits, he will usually be able to go through College.

THE MISS LINDLEY ENDOWMENT.

By the will of the late Miss Lucy Lindley, of Meadville, the College received the sum of ten thousand dollars, the interest of which is devoted to paying the term fees of students dependent upon their own efforts to obtain an education. Applications for aid from this fund should be made to the President. It should be understood, however, that only a few students can be aided in this way.

CANDIDATES FOR THE MINISTRY.

The College has educated a large number of ministers, and more than thirty candidates for the ministry are now in its classes. Arrangements are made to give such students as much of a special education as is consistent with the obtaining of a general education. After a solid foundation of disciplinary study has been laid, special study can be made useful; without the foundation the house will be built in vain. Some of the candidates for the ministry are employed in the pulpits of the adjacent country, and are supported by the churches in whole or part, while pursuing their studies. To a limited extent, the President is able to make loans without interest to promising candidates for the ministry. Loans have been made this way to about twenty students the present year. It is believed that a mature young man can safely and prudently contract a small debt to complete his educa-

tion. But it is of the first importance that the candidates for the Christian ministry receiving such loans should regard them as debts of honor and conscience. The College does not desire, by means of such loans, to impair the financial integrity of Christian ministers. On the other hand, a candidate for the ministry need have no hesitation about doing business on a business footing with the loan fund societies. In no case, however, will more than one-half of a young minister's annual expenses be lent him.

RELIGIOUS CULTURE.

The College was founded by Christian men for the promotion of Christian culture. It believes that education should always include, as its highest aim, the development of Christian character. It seeks to surround the student with such influences and helps as foster the religious life. Chapel services are held mornings in Ruter Hall, and all students are required to be present. Regular attendance on Sunday mornings at some church, selected by the student or his parents, is also required. A regular prayer meeting is held Wednesday evening of each week, lasting from 7 to 8 o'clock. Its results are manifest in the quickening and strengthening of many in the religious life. Prayer meetings, under the care of the Young Men's Christian Association, of the College, are held on Saturday evening of each week, in its rooms in Bentley Hall. On Sunday evening the Young Women's Christian Association holds its regular meetings in the parlor of Hulings Hall. The students' Christian Associations also conduct religious services weekly in several places in the city and surrounding region. In this way the students are brought into religious association and become interested in one another's religious welfare.

The religious influence of the College is not in any sense sectarian, but Christian. On the roster this year are representatives from seventeen Christian denominations.

The aim is to make the moral and religious life of the College such that the student will be under as helpful influences here in Meadville as he would be in his own Christian home.

THE WEEKLY HOLIDAY.

The sessions of the College are held on Tuesdays, Wednesdays, Thursdays, Fridays, and Saturdays, leaving Monday instead of Saturday for rest. This plan has been in use for several years, and is greatly preferred by teachers and students. It is adapted to the wants of students in towns adjacent to Meadville—within forty or fifty miles—who desire to spend Sunday at home. The railroads furnish mileage tickets at reduced rates, and the clubs make a deduction for absence from the boarding tables. The cost of spending Sunday at home is in this way made small. This plan is commended to the attention of parents who may be so situated as to be able to avail themselves of its obvious advantages.

LITERARY SOCIETIES.

There are three Literary Societies : The Allegheny, Philo-Franklin, and Ossoli (the ladies' society). The Societies have their respective halls and libraries. The libraries contain about 3,000 volumes. The societies hold public literary exercises and prize contests in the Chapel. These societies render the College efficient service in the literary and forensic training of students, and the society friendships are invaluable to the members. The regular meetings are held on Friday evenings.

IMPORTANT REGULATIONS.

Excuses for Absence.—The President does not excuse any student from college duties. When it is necessary he will grant leave of absence, but the student must also obtain the assent of his instructors.

When special requests are made to the President they are understood to be made to the Faculty; and the proper

form of such requests is a written application for the desired excuse or favor, and this written request should set forth plainly the reasons for it.

EXAMINATIONS.—There will be three examinations of classes during the year. The first will be held on the last three days of the Fall term; the second on the last three days of the Winter term; the third will begin a week previous to commencement.

SPECIAL EXAMINATIONS. — Students desiring special examinations are required to make application for the same at least one month before such desired examination, and no student will be allowed more than three special examinations in one year.

NUMBER OF STUDIES.—No student can take work amounting to more than maximum requirements of his class without the special permission of the Faculty. The action of the Faculty in each case will depend upon the student's health and his standing in other classes.

CLASSIFICATION.

The classification of the Catalogue is made in May of the last term of the college year, and gives the class rank for the year.

A student who has completed all preparatory work, or its equivalent, and thirty-six term hours of college work will be ranked as Freshman; when he has completed eighty-four term hours he will be ranked Sophomore; when he has completed one hundred thirty-two term hours he will be ranked Junior. But no student will be admitted to the Junior class until he has completed all preparatory work, and no student will be ranked Junior until he has completed Course I. of Mathematics.

SPECIAL STUDENTS.

Persons desiring to pursue studies in the College are, as a rule, required to be prepared to enter the Freshman class, as a candidate for some one of the degrees. Under

exceptional circumstances, however, persons who are not candidates for a degree may be admitted as special students and allowed to pursue selected studies. Every such person will be required to satisfy the Faculty that he is prepared to do, with profit, the work which he selects.

DEGREES.

The degree of Bachelor of Arts is conferred upon those who complete, in a satisfactory manner, either of the three courses, Classical, Scientific, Latin and Modern Languages.

The degree of Bachelor of Letters is conferred upon those who complete, in a satisfactory manner, the course in English and Modern Languages.

The Degree of Master of Arts, in course, may be conferred on every Bachelor of Arts of three years' standing, who has completed a required amount of study, and prepared a satisfactory thesis on a subject to be selected by the Faculty. Applicants for this degree must present their theses as early as the 1st of May preceding Commencement.*

The degree of Civil Engineer is conferred upon those who complete the Engineering course.

Every person receiving a degree from the College will pay a fee of five dollars.

FORM OF BEQUEST.

"I hereby give, devise, and bequeath to Allegheny College, at Meadville, Penn'a, the sum of ——" (or such other property, real or personal, as may be described.)

*This action will not be in force until after the commencement of 1897.

Post Graduate Department.

(This Course is Now Discontinued.)

Those who are now pursuing the work will be given a reasonable time to complete it under the conditions in force at the time of their admission, and will be graduated as fast as they meet the requirements. This time will be limited, as it is desired to close up the work at the earliest possible date. No degrees will be conferred after June, 1897.

All correspondence should be addressed to the President of the College.

Register of Students.

COLLEGE.

Students whose names are followed by (E.) are in the Civil Engineering Course. The others are in the A. B. Courses.

SENIORS.

Appleby, Florence,	Meadville
Boulger, George Wellington,	Greenville
Brisbin, Aldus Mead,	West Freedom
Chamberlain, Herman S.	Krumroy, O.
Darling, Norman Addison,	Salisbury Center, N. Y.
Davis, Millicent Marguerite,	North Bloomfield, O.
Douds, Robert Calvin,	Calvin's Corners
Dunn, Arthur D.,	Meadville
Frits, Frederick Norman,	Fredonia
Fromyer, Matilda Margaret,	North East
Gage, George N.,	Sheridan, N. Y.
Gilmore, Lyle Donald,	Blooming Valley
Goodwin, Herman Wells,	Sunville
Harper, Gertrude,	Meadville
Howe, Gertrude Isabel,	Meadville
Ketner, Urban Goldeth, (E.)	Saegertown
Kent, Clare, (E.)	Linesville
Kimm, Silas Conrad,	Salisbury, N. Y.
Kramer, Margaret Anne,	Oil City
Madden, Newton Byron,	Altoona
Norris, Grant,	New Millport
Nutt, Sarah Jane,	Meadville
Ohlman, Isaac Loeb,	Meadville
Pachejieff, John J.,	Meadville
Pratt, William Henry,	Cresson
Schiek, Samuel Peter,	Meadville
Slater, Frances Maud,	Tidioute
Stackpole, Elbridge Greer,	Venango
Thornton, Arthur William, (E.)	Albion

TOWNLEY, JOHN BROWN, . . . Meadville
TRACE, LETITIA ESTELLE, . . Cleveland, O.
WILSON, WALLACE ALTON, . . Meadville

JUNIORS.

Bascom, Blanche Elizabeth, . . . Meadville
Beazell, William Preston, . . Pittsburg
Bordwell, Charles Elwood, . . . Bear Lake
Calvin, Katherine, . . . Meadville
Curtis, Stillman Wilson, (E.) . . . Tidioute
Douds, James Howard, . . Calvin's Corners
Goodwin, Edwin D., ... Diamond
Grant, George, ... Tarentum
Hayes, Edna, ... Wattsburg
Henretta, James Edward, . . Harmonsburg
Higley, Oren, (E.) . . . . Meadville
Laffer, Nelle Elizabeth, . . . Meadville
Lattin, Lena, ... Cattaraugus, N. Y.
Lindsey, Earl, . . . Jamestown, N. Y.
Maitland, Arthur Shippen, (E.) . . Oil City
Porter, Charles Arthur, . . . Meadville
Schoenfeld, Julia, ... Meadville
Smith, Edward Ellsworth, . . Pulaski
Stewart, Harry Sydney, . . Jamestown, N. Y.
Swaney, David Scowden, (E.) . . Meadville
Taylor, Charles Clinton, . . . Akron, O.
Thompson, Arthur Webster (E.) . . Meadville
Thompson, Walter Eugene, . . Warwick, N. Y.
Tobias, William Edmund, . . New Millport
Weatherby, Milton, (E.) . . Haddonfield, N. J.

SOPHOMORES.

Barlett, Francis George, . . . Scotch Hill
Bartholomew, Belle, ... Warren
Bolard, Louise Edna, . . . Meadville
Brison, Joseph Dickson, . . . Pittsburg
Calvin, Robert Baxter, . . Calvin's Corners

Campbell, Anna, ... Kane
Cole, Howard Norton, (E.) . . Cornelian, O.
Colter, James Edward, (E.) . . Washington
Colter, Mary Culbertson, . . Meadville
Cowell, George G., ... Meadville
Darrow, Frank Tenney, (E.) . . . Corry
De Wolfe, Tensard Robert, . . . Butler
Fox, Charles James, (E.) . . Meadville
Graves, Homer Benton, (E.) . . Springboro
Haas, Eva Blanche, . . . Meadville
Harper, Walter Glenn, . . . Meadville
Hogate, Jessie May, . . . Danville, Ind.
Holmes, Ralph Williams, . . . Pittsburg
Horton, Arthur D., ... Erie
Illingworth, Charlotte Jane, . . . Pittsburg
Jones, John, (E.) . . . . Sharon
Kincaid, Gerry Thaddæus, . . . Corry
Lefever, Clarence Homer, . . Hayfield
McCloskey, John Hugh, . . . Meadville
McIntyre, Charles Alfred, (E.) . . Hydetown
Mayers, Andrew Jay, . . . Hubbard, O.
Miller, Charles Haven, ... Butler
Mixsell, Frank Hill, . . . South Bethlehem
Moore, Olive Elizabeth, . . . Summerville
Popoff, Stephen S., ... Meadville
Prindle, James Pearl, . . . Batavia, Ill.
Rich, Inez, ... Cattaraugus, N. Y.
Rich, John Russell, . . . Du Bois
Strattan, Harry Ferguson, . . Strattanville
Walker, McBain, ... Saybrook, O.
Weyand, Paul, ... Beaver
Wilkinson, John Wright, (E.) . . Meadville
Wolfe, Robert Hormel, . . East Bethlehem
Wright, James Vernon, . . . Verona

FRESHMEN.

Allen, Clarence Buell, . . . Wattsburg
Azhderian, Antranig, . . Marsovan, Asia Minor
Beardsley, Cassius Beeman, . . Meadville
Billingsley, Guy Waldo, . Middlebourne, W. Va.
Boal, James Record, . . . Cochranton
Bordwell, Theodore Ivan, . . . Bear Lake
Borrell, Charlotte Gertrude, . . Meadville
Bower, John Frederick, . . . Fredonia
Breed, Frederick Stephen, . . . Butler
Breene, Mary Luella, . . . Corry
Carnahan, Herbert Malvern, . . Harmony
Casteel, Dana Breckenridge, . . Tarentum
Cartland, Albert Thompson, . . Meadville
Chapin, Albert Orlo, . . . Wattsburg
Clark, Daisy Juliana, . . . Meadville
Clingensmith, J. Isabel, . . . Wattsburg
Confer, Mabel Gibboney, . . Oil City
Courtenay, Mary Florence, . . . Meadville
Crawford, Robert Kingsley, . Wilton Center, Ill.
Davis, Charles Ross, . . . Pulaski
Davis, James Warner, . . Frewsburg, N. Y.
Derickson, Donald, (E.) . . . Meadville
Endean, Frank Joseph, (E.) . . Petrolia
Gibson, Robert Randolph, . Blooming Valley
Gillett, Sherman Groo, . . Warwick, N. Y.
Graham, George Johnson, . . . Mercer
Graham, Roy, ... Meadville
Hartung, Fred Abraham, (E.) . . Harmony
Hassler, Harriot, . . . Meadville
Hawkins, Glenn, (E.) . . . Edinboro
Heydrick, Louis Clare, (E.) . . Meadville
Johnson, Emet Elzer, . . . Meadville
Jones, Emerson Harvey, . Boomerstown, N. Y.
Kepler, Mary Caroline, . . . Meadville
Knapp, Clyde Shepard, . . Titusville

Lindblom, John Ferdinand, . . Anita
Lofthouse, Walter Henry, . . Meadville
Lowstuter, Will Jackson, . . . Brownsville
McCrumb, Richard Carr, . . Jamestown
Mendel, Joseph, ... Meadville
Moore, Sara, . . . Parker's Landing
Mumford, Aaron W., . . . Meadville
Murray, Nellie, . . . Meadville
Oakes, Edwin Stacey, . . Cattaraugus, N. Y.
Porter, Harry Ami, ... Sturgis
Ray, Robert Meredith, . . . Meadville
Reisinger, Louisa E., . . . Meadville
Relf, George Orris, . . Jamestown, N. Y.
Renner, Milton, (E.) . . . Woodcock
Rossiter, Leon Percival, (E.) . . Meadville
Smith, Elbert Cook, . . Cattaraugus, N. Y.
Smith, Walter Frank, . . Goshen, Ind.
Soule, Paul Clifton, . . Cattaraugus, N. Y.
Steele, Harry Keeler, . . . Brookville
Stone, Ara Vincent, (E.) . . Saegertown
Stoner, Elva Elizabeth, . . . Canton, O.
Sturtevant, Paul, . . . Conneautville
Tate, Wilbur, (E.) . . . . Meadville
Thompson, Wellwood DeWitt, . . . Volant
Tonkin, Wade Hampton, (E.) . . Oil City
Van Camp, Clyde Frank, (E.) . . . Girard
Weir, Ralph, . . . Chautauqua, N. Y.
Wilkenson, William Lewis, . . Pittsburg
Wright, George Williams, . . . Meadville

SPECIAL.

Bates, Josephine M., . . . Meadville
Brenan, Edward Henton, . . Marietta, O.
Miller, Melvin Jefferson, . . . Geneva

PREPARATORY DEPARTMENT.

THIRD PREPARATORY.

Appleyard, Albert Edward, (E.) Jamestown, N. Y.
Appleyard, Francis Joseph, (E.) Jamestown, N. Y.
Bartholomew, Chloe Eveline, Warren
Borland, Walter Siverly, (E.) Oil City
Burdge, Howard Griffith, Cincinnati, O.
Champlin, Norman Perry, Ruth, N. Y.
Church, Charles Brawley, Conneautville
Cole, Enie Byron, (E.) Venango
Flowers, John Harrison, Irwin
Foster, George Albert, (E.) Meadville
Haskins, Anna Catherine, Meadville
Hempstead, Marguerite, Meadville
Hites, John William Charles, Meadville
Hockensmith, Wilbur Darwin, (E.) Irwin
Horne, Jennie Arzella, Greenville
Humeston, Edwin Alden, Guy's Mills
Kimmel, John Oliver, (E.) Sharpsville
Leet, Clifford S., Conneautville
Lytle, Marshall Blaine, Washington
McClure, Frank Tennis, Sandy Lake
McMichael, Lynn, Stony Point
Montague, E. Parke, Conneautville
O'Brien, Mary Cecilia, Washington
Perry, Earl Hunter Winfred, Linesville
Salisbury, Irvin Neuton, Center Road Station
Sayer, Henry Dick, Walden, N. Y.
Sherred, Nellie Leora, Cambridgeboro
Small, William James, Hill
Swisher, Lloyd Lawrence, Oil City
Wade, Margaret Maude, Edinboro
Wait, J. Oren, McLallen's Corners
Wintermute, Helen Irene, Waring
Yelvington, Stephen Osborn, Meadville

SECOND PREPARATORY.

Andrews, Truman Othello, . . Atlantic
Austin, George Frederick, . . Meadville
Barnaby, Lauretta Fay, . . Meadville
Barragan, Jesse, . . . Salisbury, N. Y.
Bashline, William Bentley M., . . Warren
Beach, Georgia A., ... Aspinwall
Blair, Nina Elizabeth, . . . Meadville
Blakeney, Daniel Niles Freeland, Middletown, N. Y.
Buzza, William Malcolm, . . Falls Creek
Cooper, Margaret, . . . Parker's Landing
Davis, Harry F., . . . Blairsville
Davis, Ira Wilhelm, ... Osborne
Davis, Marie, ... Reynoldsville
Delamater, Henry Bruce, . . . Meadville
Foster, William Harry, . . . Meadville
Gleeten, William Milo, . . . Meadville
Goff, Walter Roy, . . . Pittsburg
Greenlee, Ralph Stebbins, . . . Rundells
Grimes, Fred Ralph, . . Hunter's Cave
Haupt, Nannie Elizabeth, . . Hartletown
Hopkins, Howard Corwin, . . Oil City
Humes, Edwin Lowry, . . Meadville
Jameson, Fred Homer, . . . Petrolia
Johnson, William, . . Jamestown, N. Y.
Jolly, Delbert Leon, . . . Rockland
Jordan, Joseph, * . . . . Sharon
Lamb, Harry Hayes, . . . Rockland
McBride, Karl Ross, . . . Conneautville
McDowell, George Rockwell, . . Dicksonburg
McFate, Joseph Charles, . . Cochranton
Maynard, May Blanche, . . . Meadville
Neff, Abner Reed, ... Erie
Norquist, Marcus Julius, . . Jamestown, N. Y.
Okada, Chinichiro, . . Kumamoto, Japan

* Deceased.

Pickett, Charles Wesley, . . Port Allegany
Reed, Gertrude Amelia, . . Meadville
Rice, Roy, ... Meadville
Smith, Edward Cyrus, . . . Albion
Stackpole, Roy Logan, . . . Venango
Stark, Marrian Neville, . . Mansfield, O.
Swearer, Robert Leeman, . . Pittsburg
Tate, Philip Ennis, ... Meadville
Tolerton, Henry Hill, . . . Toledo, O.
Tucker, James Merle, . . Springboro
Wilson, Ulysses Grant, . . . Meadville
Woodring, Anna Orr, . . Wilkinsburg
Young, Harold M., . . Mayville, N. Y.

FIRST PREPARATORY.

Alcorn, Alice Martha, . . . Titusville
Andrews, John Rankin, . . . Adamsville
Arters, Harry Parker, . . Parker's Landing
Beck, Gordon LeRoy, ... Sylvis
Belnap, William, ... Meadville
Bexton, Alfred George, . . Hillsville
Black, Berton Alexander, . . . Franklin
Butler, Earle William, . . . Meadville
Byers, Will Craig, . . . New Washington
Cook, James Brent, ... Erie
Davis, Elizabeth, . . . Reynoldsville
DeKay, Miner Mirteeness, . Hurleysville, N. Y.
Denlinger, Fannie Agnew, . . Wilkinsburg
DeWolfe, Charles Livingstone, . . Chicora
Dickey, Jeannette, . . . Espyville Station
Dixon, Clarence George, . . Maharg
Dreutlein, Herbert, . . . Meadville
Galbraith, James Telford, . . Patchinville
George, Wayne Bennett, . . . Patrons
Greene, Charles Augustus, . . Zanesville, O.
Hainen, Francis, ... Meadville

Hayes, DeWitt Lincoln, . . Meadville
Hess, Harry Caliver, . . McKeesport
Hillard, Jonathan Boone, . . Eau Claire
Hopkins, Daniel Orlando, . . . Townville
Kebert, Roy Phillips, . . . Hayfield
McCreight, James Madison, . Reynoldsville
McFarlin, Fred William, . . . Eldred
McLaughlin, Euphrastus Albert, . Summerville
Magaw, Ethel Gray, . . . Meadville
Mason, Orrie Abram, . . Conneaut Lake
Neff, Thomas Neal, . . . Reynoldsville
Osaki, Yukitaca, . . . Tokio, Japan
Palmer, Jerome Ord, . . . Decker's Point
Parker, Edna, . . . Danville, Ind.
Peterson, Guy Melvin, . . Jamestown, N. Y.
Reitz, Joseph Spare, ... Stanton
Reitz, Rufus Gordon, . . . Stanton
Richmond, George Winslow, . . Meadville
Ridout, Lillie Bell, . . . Meadville
Rogers, Jesse Albert, . . Uhrichsville, O.
Rynd, John Dickson, . . . Oil City
Salisbury, Jennie Esther, . Center Road Station
Shafer, David Philip, . . . Custards
Shallenberger, Thomas Gardner, . McKeesport
Siggins, Hugh Archable, . . . Warren
Simpson, Blanche, ... Chicora
Small, Indice Lincoln, . . . Hadley
Stephens, Frank Wilson, . . Meadville
Sutton, George Arlington, . . Little Cooley
Thomas, Albert LeRoy, . . Woodcock
Walter, John J., ... Black Ash
Wicks, Alfred, ... South Fork
Wildman, Franklin Adelbert, . . Union City
Willard, Glenn Everson, . . Meadville
Williams, Francis Herbert, . . . Meadville

Wilson, Stuart Bennet, . New Somerset, O.
Wolstoncroft, John Harvey, . . Pittsburg

UNCLASSIFIED.

Allen, Alice, . . . Parker's Landing
Brown, George McCabe, . . Conneautville
Conwell, Mame, ... Uniontown
Deming, Maud, ... Oil City
Douglas, Elizabeth Pamela, . Conneautville
Harrington, Mamie, ... Albion
Hawley, Martha G., . . . Seville, O.
Kinder, Ruth Emma, . . . Brownsville
Larrabee, Don Marshall, . . . Emporium
Lattin, Georgia, . . Cattaraugus, N. Y.
Lewis, Anna Kreps, . . Upper Middletown
McCracken, Sarah Elizabeth, . . . Oil City
Maxwell, Albert Thomas, . . Unionport, O.
Saeger, Alice Louise, . . . Warren, O.

Summary of Students.

COLLEGE: —		
Seniors	32	
Juniors	25	
Sophomores	39	
Freshmen	64	
Special	3	
	—	163
PREPARATORY: —		
Third year	33	
Second year	47	
First year	58	
Unclassified	14	
	—	152
Total		315
Post Graduate		40
Total		355
STUDENTS IN AFFILIATED INSTITUTIONS: —		
Conservatory of Music	225	
Business College	202	
	427	
Deduct students counted twice	28	
Total	—	399
Net Total		754

Degrees Conferred June 27, 1895.

BACHELOR OF ARTS.

Campbell, Clara,
Elliott, Alfred Cookman,
Fenno, Vena,
Frey, Jean,
Homer, F. Leroy,
Hovis, Will Forney, Jr.,
Koester, Francis J.,
Latshaw, David G.,
Langley, Myrna C.,
Langston, Clarence A.,
McKinney Horace,
McKinney, Thompson W.,
Mossman, Wm. Templeton,
Merchant, Frank Warren,
Powers, Odell Hercules,
Robbins, Loren Leroy,
Roddy, Alice E.,
Rose, Susan A.,
Swearer, Wilbur C.,
White, Norris A.,
Wright, J. Merrill.

CIVIL ENGINEER.

Berkhouse, Homer Milton, Wood, Samuel Adino.

MASTER OF ARTS PRO MERITO.

Carey, Jesse W., Johnson, A. W.

MASTER OF ARTS IN CURSU.

Coder, Anna,
Dunn, John H.,
Doughty, James,
Griffen, W. B.,
Hannum, F. L.,
Harper, Florence,
Johnson, H. P.,
Jones, James L.,
Lindsey, A. C.,
Luse, Charles H.,
Leffingwell, W. C.,
Miller, C. A.,
Pappenhagen, Sophia,
Ray, George S.,
Spencer, John C.,
Youngson, W. W.

DOCTOR OF PHILOSOPHY.

Schepeler, William F.,
Graham, Oliver H. P.,
Sears, Charles H.,
Meachem, Enoch,
Parmenter, C. S.,
Johnson, Virgil L.,
Thomas, George P.,
Masonheimer, Alfred M.,
Trach, George,
Miller, Ephraim.

DOCTOR OF DIVINITY.

Pershing, T. F.,
Smith, George B.,
Bruce, Charles H.,
Odell, Willis P.

DOCTOR OF LAWS.

McKinley, William.

INSTITUTIONS

CO-OPERATING
WITH

ALLEGHENY

COLLEGE.

Meadville Conservatory of Music.

JUVIA O. HULL, Director.

GENERAL DESCRIPTION.

At the annual meeting, June 23, 1886, the trustees of Allegheny College authorized the affiliation of the Meadville Conservatory of Music with the College. Each of the institutions remains under its own management, having separate charters and boards of trustees, but students in each may avail themselves of the advantages of the other. Students in the Preparatory School may also study music in the Conservatory. A limited amount of music is allowed as an elective in the English and Modern Language Course.

Broad Culture Afforded.—The Meadville Conservatory of Music was established for the purpose of affording superior advantages for the study of Music in all its higher branches. The courses of study pursued are similar to those of the successful schools of Music in Europe and America, and are calculated to make cultured, thoroughly competent, and skillful musicians of the graduates; also to give them a system of school for their use when they in turn wish to become professional teachers.

DEPARTMENTS AND SCHOOLS.

The Conservatory of Music has the following departments and schools: Piano, Organ, Formation and Cultivation of the Voice, Violin, Orchestra, Quartet and Ensemble Playing, Orchestral and Band Instruments, Harmony, Composition, Theory, Orchestration, Church Music, Oratorio and Chorus Practice.

Pipe Organ.—In 1893 a magnificent new Vocalion organ, of large size, from the manufactory of Mason & Risch, Worcester, Mass., was added to the equipment of the Conservatory, and is available for lessons and prac-

tice. Full details in the catalogue of the Conservatory of Music, to be had on application to Mrs. Juvia O. Hull, Director, Meadville, Pa.

A detailed outline of the courses of the several schools of Music can be had on application to the Director for the *Conservatory Catalogue*.

Lessons.—Pupils may receive two lessons in each branch of Music per week in the regular graduating courses. The Conservatory term consists of ten weeks (twenty lessons). No deduction for lessons missed.

Pupils may enter the Conservatory at any time, but if possible, it is always better to commence with the new term.

Four Years' Course.—The course comprises four years' work, and is divided into grades of three divisions, namely: Preparatory, Intermediate, and Advanced.

Pupils are received into any division or grade which upon examination they may be qualified to enter.

Lady Students' Home.—Ladies studying Music only are admitted to Hulings Hall on the same terms as other lady students.

Diplomas.—Diplomas are given the graduates of the different courses, signed by the President of the Faculty, Director of Music, and teachers of the various departments from which they are graduated.

RATES OF TUITION.

For private lessons per term of ten weeks, two lessons per week, payable in advance:

Piano,	1st and 2d grades	$15.00
	3d, 4th, and 5th grades	20.00
Voice,	Private Lessons	20.00
Pipe Organ		20.00
Violin	1st and 2nd grades	15.00
	3d, 4th, and 5th grades	20.00
Banjo and Guitar		15.00
Concert	1st and 2d grades	15.00
	3d, 4th, and 5th grades	20.00
Harmony		20.00
Harmony, class of four		15.00

Theory of Music, class of four	15,00
Counterpoint, " " "	15.00
Composition, " " "	15.00
Orchestration, " " "	15.00
Estimated expense per term for music used, about	5.00
Rent of Piano, one hour per day, per term	3.00
Rent of Pipe Organ, one period, 40 minutes per day, per term	7.50
Rent of Pipe Organ, two periods, 80 minutes per day, per term	15.00

DEPARTMENT OF ART.

There are thorough courses of study in Drawing and in Painting in Oil and in Water Colors. For students of sufficient advancement, a class in Drawing from life will be formed. There will be additional classes in Sketching and in Decorative Art.

The principles and practice of Art will be taught chiefly through the study of Antique Sculpture. On passing a satisfactory examination in this, students can enter other classes.

The studio is fully equipped with the finest full-sized casts of antique statuary, with studies drawn or painted from nature, etc.

RATES OF TUITION IN ART.

For term of ten weeks, two lessons per week, payable in advance:

Painting in Oil or in Water Colors, and use of Studio 3 hours daily	$10.00
Painting on China, and use of Studio 3 hours daily	10.00
Sketching	5.00

CALENDAR FOR 1896-7.

June 18, 19, 20, 1896, . . Examinations
June 21, 10:45 a. m., . . Baccalaureate Sermon
By President WILLIAM H. CRAWFORD, D. D.
June 21, 7:45 p. m., . Annual Sermon before College Y. M. C. A.,
By the REV. S. D. HUTSINPILLER, D.D., Erie, Pa.
June 22, 2:00 p. m., . . . Field Day
June 22, 8:00 p. m., . . Inter Society Contest
June 23, 3:00 p. m., Annual Meeting of Board of Control
June 23, 8:00 p. m., . . Class Day Exercises
June 24, 9:30 a. m., Annual Meeting of Board of Trustees
June 24, 2:30 p. m., . Meeting of Alumni Association
June 24, 8:00 p. m., . . Alumni Address
By JAMES RILEY WEAVER, LL.D., '63.
Professor of Political Science, De Pauw University.
June 25, 10:00 a. m., . Commencement Exercises. Commencement Address by Bishop C. H. Fowler, LL.D.

SUMMER VACATION.

September 19, 21, 1896, . . Entrance Examinations
September 22, Tuesday, . . Fall Term Begins
December 17, Thursday, . . . Fall Term Ends

WINTER VACATION.

January 5, 1897, Tuesday, . Winter Term Begins
January 28, Thursday, . Day of Prayer for Colleges
March 25, Thursday, . . Winter Term Ends

SPRING VACATION.

April 6, Tuesday, . . . Spring Term Begins
June 24, Thursday, . . . Commencement

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FOUNDED 1815

ALLEGHENY COLLEGE

1896-7

EIGHTY-SECOND YEAR

Allegheny College

CATALOGUE

FOR

1896-97

MEADVILLE, PA.
McCOY & CALVIN, PRINTERS
1897

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Description of the College.

HISTORICAL SKETCH.

Allegheny College was organized in 1815 by citizens of Meadville. In 1817 they obtained for their institution a liberal charter, and in 1820 laid the foundation of Bentley Hall. In 1833, by a contract between the Trustees and the Pittsburg Annual Conference of the Methodist Episcopal Church, the College came under the control and patronage of the Methodists of this central region. By successive divisions of the Pittsburg Conference, the control and patronage are now vested in the Pittsburg, Erie, East Ohio, and West Virginia Conferences. The contract between the Conferences and the Trustees guarantees a liberal and unsectarian spirit in the management of the College, and the students always represent several religious denominations.

MEADVILLE.

No city in Western Pennsylvania is more advantageously situated than Meadville. It has two lines of railroad : the Erie and the Pittsburg, Bessemer & Lake Erie. It is also connected with the Lake Shore and Pennsylvania systems by means of the Franklin Branch and M. & L. R. R. By these routes Pittsburg and Cleveland may be reached in less than four hours, Erie in two hours, Cincinnati in twelve hours, and New York in thirteen hours. This arrangement gives easy and expeditious access to the city from all points. The population of the town is about 10,000 ; it is an old and well established city, having cultured society and many educational influences. The city has most of the modern improvements, such as illuminating gas, electric lights and natural gas fuel. An electric railway is in process of construction.

GROUNDS AND BUILDINGS.

The College Campus embraces sixteen acres on the north side of the town, having an elevation of two hundred feet above French Creek Valley, and twelve hundred and fifty feet above the level of the sea. It is well shaded with trees, and has a beautiful outlook upon the town and the surrounding country. In natural beauty the Campus is very attractive, and the situation is one of the most healthful in the country.

There are five large buildings belonging to and used by the College.

Bentley Hall bears the name of Rev. William Bentley, D. D., of Massachusetts, who gave his valuable library to the College. The corner stone was laid July 6, 1820. It consists of a central building three stories high above the basement, and two wings two stories in height, and is devoted to recitation rooms, biological laboratories, society halls and the offices of the President and the Registrar of the College.

Ruter Hall, named after Rev. Martin Ruter, D. D., the second President of the College, is a substantial brick building, erected chiefly by the citizens of Meadville, in 1855. This building contains the Museum of the College, the Library, and the Chapel.

Hulings Hall is a large brick edifice, erected in 1881, by Marcus Hulings, Esq., of Oil City, and the citizens of Meadville. It is used as a home for lady students, and has rooms for sixty. It is about one hundred by eighty feet on the ground, and four stories in height, including the mansard roof, and is supplied with gas and water, and heated by steam.

Wilcox Hall of Science is one of the most modern buildings, devoted to educational purposes, in Western Pennsylvania. It was built with reference to science teaching only, and is perfectly adapted to the needs of

scientific work. The building occupies a pleasant site on the College Campus and is itself architecturally beautiful. The lecture room is in the form of an amphitheatre and will seat one hundred and twenty students. There are ten working rooms where students perform experiments and carry on investigation. All these departments are well equipped with illustrative apparatus and new pieces are being added as rapidly as possible.

GYMNASIUM AND ARMORY.

This is a new building erected during the present year. Ground was broken on the afternoon of last Commencement day, and the building has been in use for three months. The architects were Church & Jobson, of Chicago.

The building is designed in the early Italian style of round arched brick architecture, the first floor being of native rock-faced stone, the upper portion and rear extension being of brick, with heavy corbel cornice, surmounted by a hip roof of slate, with ample projecting eaves. The round arched openings, together with the deep recessed portal, and massive corner tower, with its corbel cornice and embrazoned walls, expresses the use of the building as an armory and drill hall, in conjunction with its use as a gymnasium.

The building is "T" shaped in plan, the front portion being two stories high, and containing on the first floor the director's room, gun room, locker room and baths, all entered direct from the Main Hall, which has its floor level with the first floor of front building. A wide staircase with ample landings, leads to a large assembly and committee rooms on second floor.

The Drill Hall and Gymnasium occupies the rear building, which forms the long leg of the "T," and is approached through a ten foot hall direct from the main entrance through the front portion. It is well

lighted from the three sides by large semicircular headed windows, and has a clear height of twenty feet from floor to bottom end of the steel trusses which support the roof in one span, and from which is suspended the running track and the usual gymnasium apparatus.

The building is finished in hard wood throughout, and has hard wood floors. It is heated by steam, and lighted by gas and electric lights. It is equipped with all the modern apparatus of a first class gymnasium.

APPARATUS.

The College possesses extensive cabinets of Mineralogy and Conchology, and complete Chemical and Physical apparatus of the most improved forms.

The apparatus comprises many distinct pieces, affording ample means of illustrating every branch of Physics and Chemistry now taught in collegiate institutions. Among the most expensive instruments are the following :

A Compound Microscope with accessories, manufactured by Zentmayer. A Rumkorff Induction Coil, giving a twelve inch spark, by E. S. Richie & Co. Apparatus for solidifying carbonic acid. Eighteen instruments to illustrate the laws of undulations. Auzoux's largest Anatomical Models of the eye, ear, brain, and larynx. Apparatus for reproducing Tyndall's experiments with heat. Two Polariscopes, with accessories. A Spectroscope with four prisms. Complete apparatus for projection, including a first-class Educational Lantern, Double Stereopticon, Oxy-Hydrogen Microscope, Duboscq's apparatus for projecting polarized light. Friction Machine. Holtz Electrical Machine. A Phonograph. Two Dynamos and accessories, etc. The optical instruments, excepting the Compound Microscope, Telescope, and Astronomical Transit, were made by M. Duboscq, of Paris.

The telescope is an 8-foot refractor, 7½ inch object glass; in power capable of separating minute double stars; manufactured by A. Clark & Son, Cambridge, Mass. The astronomical transit is a fine instrument from the hands of Stackpole Bros.

In Mathematics and Engineering all necessary instruments for illustrating pure and applied Mathematics are provided.

A Transit with Meridian Finder, a Prismatic Compass, two Sextants, Compass, Chain, Level, and other apparatus are in practical use.

THE MUSEUM.

The Museum embraces several distinct collections of Minerals, Shells, Fossils, etc.

1. The Prescott Collection, comprising 2,200 specimens of Marine, Terrestrial, and Fresh Water Shells, and about 3,000 specimens of Minerals and Fossils, was collected and mounted by Dr. William Prescott.

2. The Haldeman Collection has 550 excellent and carefully labeled specimens of Minerals, and about 2,000 specimens of Shells, and was purchased by S. S. Haldeman.

3. The Alger Collection.—This collection, made by Francis Alger, contains 5,000 specimens of Minerals, remarkable for their beauty and variety. It embraces also a large number of duplicates, and a handsome cabinet of about 1,500 specimens of shells.

4. Cabinet of Lithology and Palæontology.—This contains an entire series of the well-known Ward Casts, and a very comprehensive and valuable collection of Fossils and Rocks, to which additions are being made.

5. Smithsonian Collection.—In addition to several valuable collections heretofore obtained from the Smithsonian Institution, there have been added over 500 specimens of Land, Marine, and Fresh Water Shells from Panama, Vancouver's Island, and the West Indies, chiefly obtained by Prof. C. A. Adams and authentically labeled by H. Cumming and Dr. P. Carpenter, from the collection of D'Orbigny and Cumming.

6. Entomological Collection.—The Cabinet of Insects embraces 3,000 species, carefully and accurately catalogued and classified. It was arranged by W. O. Currier, and donated by a friend of the College.

7. Natural History Collection.—In addition to the above named collections there are about 1,000 Zoological Specimens, including Birds, Reptiles, Fish, and Marine animals, which are constantly being increased in number by the exertions of the friends of the department.

These collections greatly increase the scientific advantages of the College and furnish special incentives to the study of Natural Science.

THE LIBRARY AND READING ROOM.

The College Library contains about 14,000 volumes, many of them rare and valuable works. Special attention is being given to the purchase of new books, particularly such reference books as are needed by the various departments of college work.

The Library and Reading Room occupy the whole of the third floor of Ruter Hall. The Librarian gives his whole time to the Library and the students are able to make free use of books and periodicals at stated hours.

The Reading Room provides for the students a wide range of periodical literature, together with Dictionaries, Encyclopædias, Atlases, and other books of reference. Complete files of all the best magazines are continually kept on hand.

Admission.

Candidates for admission to the Freshman Class are required to pass a satisfactory examination in the following subjects:

LATIN—Grammar (Allen and Greenough's preferred). Composition, Collar or Daniell. Cæsar, Gallic War, four books. Sallust, Catilina. Cicero, seven orations (the Manilian law to count as two). Vergil, Æneid, six books. The Roman method of pronunciation is used. An equivalent amount in Arrowsmith and Whicher's Latin Readings will be accepted in place of Cæsar and Sallust.

GREEK—Grammar (Goodwin's preferred). Beginner's Greek Book, White. Xenophon, Anabasis complete, or an equivalent of Attic prose. Prose composition, Collar.

FRENCH OR GERMAN—Two years' work, an amount equivalent to courses outlined on pages 21-22.

ENGLISH—English Grammar. The Elements of Rhetoric; the ability to write clear, idiomatic English, correct in spelling and punctuation, is expected. Elementary English Literature, an outline of

the history of English and American Literature; critical readings from not less than ten of the standard writers. A wide range is given in the selection of authors, but it is expected that the readings will be from the more important writers.

MATHEMATICS—Arithmetic, with the Metric System. Algebra, through Quadratic Equations (Wentworth's Complete Algebra preferred). Geometry, Plane and Solid.

HISTORY—United States, Johnston or Montgomery. Eastern Nations and Greece, Myers. Rome, Allen. Civil Government, Macy.

SCIENCE—Physical Geography, Eclectic or Guyot. Physiology, Walker. Natural Philosophy, with experiments, Gage.

Certificates for the above work will be received from approved schools. It is expressly understood, however, that the right is reserved to require preparatory work from students who are not able to make satisfactory progress in College classes.

Certificates from the regents of the State of New York will be accepted. All others must be made out on special blanks, which will be sent on application. No other certificates will be received.

Courses of Study.

The College has three parallel courses of study, which lead to the degree of Bachelor of Arts.

I. THE CLASSICAL COURSE combines all the excellences of the time-honored classical course. By immemorial use it has proved its eminent value, and is worthy of the confidence and respect which a long venerated observance gives. For a full and harmonious preparation for the varied professions and employments of life, it is unexcelled. The wide range of electives in the Junior and Senior years enables a student to do special work in favorite lines.

II. THE SCIENTIFIC COURSE requires the same preparation as the Classical, but French will be accepted in place of Greek. In the college years, the German lan-

guage takes the place of the Freshman and Sophomore Greek, and additional science is substituted for the Latin of the Sophomore year. This course opens the treasures of Science in the Modern Languages, and by extensive laboratory practice prepares the student for original research. Young men looking towards chairs of Science in schools and colleges will find this course especially adapted to them.

III. The Course in Latin and Modern Languages requires the same preparation as the Classical, except that two years of French or German are substituted for two years of Greek in the second and third Preparatory years. Two years of German or French are substituted for two years of Greek in the Freshman and Sophomore years. This course has been adopted in order to accommodate students who prefer to leave out the Greek entirely and give more time to the Modern Languages.

Courses II. and III. are enlarged by the addition of elective studies as in the Classical course.

IV. The Course in English and Modern Languages, leading to the degree of Bachelor of Letters, requires the same preparation as the course in Latin and Modern Languages, except that for the three years of Latin there may be substituted two years of German, and extra work in Literature, History, or Science. This course, announced this year for the first time, offers thorough training in English, History, and the Modern Languages, with liberal electives in other departments, and is especially adapted to those who want neither Latin nor Greek.

Departments of Instruction.

General Purpose.—This institution is a college, that is to say, a training school. Its purpose is to prepare those students who pass to the degree of Bachelor of

Arts for any kind of professional study, but it does not undertake to prepare a student to enter upon any profession without special study. And it advises its graduates to avail themselves of the advantages of well-equipped universities. The experience of the college proves that its graduates are able to distinguish themselves in various professional careers, whenever they have added to their college training the special equipment for success in such professions. This general purpose controls the methods of the college in all departments of instruction. The end sought is not complete knowledge of any branch of study, but thorough discipline and correct habits of observation and reflection.

An increasing proportion of our graduates enter not upon professional but upon business life. The general principle above stated applies to them with as much force as to those who enter professions. The training of a college does not teach a man how to do business successfully, but it does prepare him to learn any business rapidly, and to attain large success, if he has the requisite talents.

Courses of Study in Various Departments of Instruction.

In this detailed description of the courses the number of "hours" refers to the number of hour recitations per week.

PHILOSOPHY.

The aim in this department is to secure for the student habits of philosophic thought and to enable him to come to a right knowledge of himself and his relations to nature, to his fellow men, and to God. Text books are used only as guides. So far as possible the masters of philosophy are studied from their own works. Emphasis is put on the necessity of independent investigation and independent thought.

Course I.—Logic.—Much attention is paid to careful drill in synonyms and definition, different forms of immediate inference, fallacies, logical analysis of themes, and the criticism of arguments. *Spring term, three hours.*

This course is elective in Junior year Scientific course, and is required in Junior year of the other courses.

Course II.—Psychology.—Outlines of the science. Recitations and informal lectures. *Fall term, four hours.*

Required in Senior year of all courses.

Course III.—History of Philosophy.—

Winter term, three hours.

Elective in Senior year in all courses.

Course IV.—Ethics.—Recitations, Essays, and discussions.

Spring term, three hours.

Required in Senior year of all courses.

Course V.—Christian Evidences.—Text book and informal lectures.

Winter term, three hours.

Required in Senior year of all courses.

PHYSICS AND CHEMISTRY.

The leading idea in the instruction given in these subjects is to prepare the student for independent research,

upon the theory that such method affords the highest mental discipline and the most satisfactory practical knowledge. Each student, furnished with sufficient material and apparatus to enable him to do so, will pursue his own investigations under such guidance as will secure precision in method and accuracy in results. Illustrated lectures will frequently be given to make the path clear and the labor interesting and successful.

The College has complete facilities for obtaining a thorough elementary knowledge of these branches. The costly and splendid apparatus, kept up to the times by occasional additions, and the laboratories, abundantly provided with chemicals, make these studies unusually attractive and satisfactory.

CHEMISTRY.

Course I.—Inorganic Chemistry. Lectures, class work, laboratory practice. Mineralogy. *Throughout the year, three hours.*
Required in Sophomore year of all courses.

Course II.—Chemical Analysis and Assaying, Organic Chemistry. *Throughout the year, three hours.*
Required in Junior year of the Scientific course and elective in Junior year of the Latin and Modern Language course.

PHYSICS.

Course I.—Class work, illustrated lectures, experiments. Fall term, Mechanics; Winter term, Electricity; Spring term, Hydraulics, Heat, Light, and Sound. *Throughout the year, three hours.*
Required in Junior year of all courses.

Course II.—Advanced work in experimentation. All branches of the subject are closely studied by original problems and investigation. *Throughout the year, three hours.*
Required in Senior year of the Scientific course. Open only to those who have completed Calculus.

ASTRONOMY.

Course I.—Young's General Astronomy. Practice in the use of astronomical instruments. Illustrated lectures.
Spring term, four hours.

Required in Junior year of the Scientific course; elective in Junior year of the other courses.

BIOLOGY AND GEOLOGY.

It is the aim of this department, on the one hand, to give the student a general knowledge of the fundamental facts and principles of Biology and Geology; on the other hand, to familiarize him with the methods of investigation in these sciences as a preparation for advanced work and original research. Text-book and lecture work is largely supplemented by various lines of practical work in the field, the museum and the newly equipped biological laboratory.

In Biology the needs of those students who are intending to enter the medical profession are especially regarded; and, so far as it is practicable, their work is arranged in harmony with the requirements of the best medical schools of the country.

BIOLOGY.

Course I.—General Biology and Elementary Botany. Training in observation and study of the simpler laws of animal and plant life. During the first two terms, the practical study of typical organisms (Star-fish, Worm, Fish, Fern, etc.), will be supplemented by lectures and microscopic demonstrations. The third term will be devoted to the study of the flowering plants, with especial attention to analysis and the comparison of closely allied forms. *Throughout the year, three hours.*

Required in Freshman year of all courses.

Course II.—Zoology. Lectures on systematic zoology and comparative anatomy, illustrated by means of museum specimens and lantern demonstrations.

Throughout the year, three hours.

Course II. will be omitted in 1897-98. See note under Course III.

Course III.—Advanced Botany. Text-book work and lectures on structural, physiological and systematic Botany, illustrated by means of simple experiments and lantern demonstrations.

Throughout the year, three hours.

N. B. Courses II. and III. will be given in alternate years, Course III. being given in 1897-98. Students of the Scientific Course are required to take either Course II. or Course III. in Sophomore year. Both courses are elective for all others who have taken Course I.

Course IV.—Practical Biology. Laboratory work and occasional lectures. The work of this course will be varied to meet the requirements of individual students, but will follow two main lines.

a Mammalian Anatomy. Especially recommended for those who are intending to study medicine.

b Study of Types illustrative of the more important groups of animals and plants.

*Throughout the year, two or three hours.**

Elective in Junior year of all courses for such students as have taken or are taking Course III.

Course V.—Advanced Biology. Laboratory work and occasional lectures. Like Course IV., this course is capable of considerable variation, but will follow two main lines.

a Vertebrate Histology and Embryology. Especially recommended for those who are intending to study medicine.

b Continuation of Course IV. (*b*), but with special attention to finer points of anatomical and microscopical technique—cutting of sections, mounting of slides, etc. In the Spring term the student will be directed in some simple problem of original research.

*Throughout the year, three or four hours.**

Elective for all who have completed Course IV.

Course VI.—Evolution. Le Conte's "Evolution in its Relation to Religious Thought" will be used as a basis for class recitation and discussion, and will be supplemented by lectures on special phases of the Evolution theory.

Throughout the year, one hour.

Elective in Senior year of the Scientific Course. This course will be omitted in 1898-99.

GEOLOGY.

Course I.—General Geology. This course is intended to cover the main outlines of the entire subject of dynamical, structural and

* Two hours of laboratory work are counted as the equivalent of one recitation hour.

historical Geology. Text-book work will be supplemented by lectures and the study of the museum collections.

Winter term, three hours.

Required in Senior year of all courses.

Course II.—Special Geological Problems. In this course no attempt will be made to cover the subject systematically, but certain striking problems, of general or local interest, will be studied in detail. Lectures, discussions, and reports on assigned reading, together with elementary practical work in the laboratory and the field. *Spring term, three hours.*

Elective in Senior year of all courses.

GERMAN LANGUAGE AND LITERATURE.

In the study of German, no single method is pursued exclusively. The constant aim, however, is to learn it as a living language. Accordingly, conversational exercises are carried on once a week during the first two years and three times a week during the third year. Accurate grammatical knowledge is secured by prose composition exercises once each week throughout the courses. In the last year extensive sight-reading of the classic authors is required outside of class, and summaries of these authors are read in German or English by the various students before the class. Thus by wide reading, by constant conversation, and by writing, we would follow Bacon's method for making "a full man," "a ready man," and "a correct man."

The outlines of German literature are studied in the last year by dictated lessons, by lectures in German during two weeks, or more, of each term, and by biographical readings in the larger encyclopædias.

Course I.—Joynes-Meissner Grammar; short, easy stories, like Storm's *Immensee*, for translation.

Throughout the year, four hours.

Elective in Sophomore year of the Classical course and required in Freshman year of the other courses.

Course II.—Grammar work continued; Modern Prose Fiction, with one Classic Drama. *Throughout the year, four hours.*

Elective in Junior year of the Classical course and in Sophomore year of the Scientific course, and required in Sophomore year of the Latin and Modern Language course.

For Scientific students who elect Greek in the Sophomore year, Course II. may be taken in the Junior year.

Course III.—Jagemann's German Composition; Classic plays. Extensive readings on which is based conversation.

Throughout the year, three hours.

Elective in Junior year of the Scientific and the Latin and Modern Language courses.

Course IV.—Composition, rapid reading, conversation, and literary study of writers of first rank.

Throughout the year, three hours.

This course is an elective for Seniors; it being alternated with Course III. on successive years, the Juniors and Seniors take either course together.

FRENCH LANGUAGE AND LITERATURE.

The aims and methods of this department are essentially the same as for the department of German, as detailed above.

Course I.—Chardenal's Complete French Course; easy prose translation. Super's and Rollin's French Readers or their equivalents.

Throughout the year, four hours.

Course II.—Blouet's French Composition; wide reading of prose fiction, conversation. *Throughout the year, four hours.*

Courses I. and II. are elective in Sophomore and Junior years of the Classical course; and if not offered in preparation, are required in Freshman and Sophomore years of the other courses in place of German I. and II.

Course III.—Composition, rapid reading, and outlines of literature.

Throughout the year, four hours.

This course may be taken as an elective for third year French, as Courses II. and III. are given on alternate years. Only three hours per week credit, however, will be allowed those taking it as a third year course.

HEBREW.

A year's work in Hebrew is open to candidates for the Christian ministry. It is believed that the student thus taught in Hebrew, and familiar with the Greek Classics of the course, can easily fit himself by private study of the

Greek Testament and additional work in Hebrew, to enter upon the second year in the Theological Seminary.

Course I. – Bissell's Hebrew Grammar, completed. Twelve or more chapters in Genesis read. *Throughout the year, four hours.*

Elective in Senior year of the Classical course.

This course is given only on alternate years. It will be given during the year 1897-8.

MATHEMATICS.

Extended courses in pure and applied mathematics are offered, the work done being such as will be of the greatest value in mental discipline, and in the application of the subject to Science and Engineering.

Course I.—Algebra—The Binomial Theorem, Variables and Limits, Series, Determinants, Theory of Equations, Logarithms.

Geometry.—Lines and Planes in Space, Polyhedrons, Cylinders and Cones, the Sphere, Conic Sections. *Fall term, four hours.*

Trigonometry.—Functions of Acute Angles, the Right Triangle, Goniometry, the Oblique Triangle, the Right Spherical Triangle. *Winter term, four hours.*

Trigonometry, the Oblique Spherical Triangle, Applications of Spherical Trigonometry. Application of Trigonometry to Surveying, Instruments and their uses, Land Suryeying and Plotting. *Spring term, four hours.*

Required in Freshman year of all courses.

Course II.—Analytic Geometry.—Construction and Discussion of Equations, the Straight Line, Circle, Ellipse, Parabola, and Hyperbola. General Equation of the Conic Section. *Fall term, three hours.*

Construction of Conics from their Equations, Tangents and Normals, Conics referred to Oblique Axes, Higher Plane Curves.

Differential Calculus.---Introductory Theorems, Differentiation of Explicit Functions, Transcendental Functions, Successive Differentiation, Development of Continuous Functions. *Winter term, three hours.*

Evolution of Illusory Forms, Maxima and Minima, Functions of Two or more Variables.

Integral Calculus.—Type Forms, General Methods of Transformation, Successive Integration, the Constant of Integration, Geometrical Applications.

Spring term, three hours.

Required of Scientific Sophomores. Sophomore elective in other courses.

Course III.—An advanced course in Higher Mathematics, taking up such subjects as are agreed upon by the class and the instructor.

Throughout the year, two hours.

Elective in Junior year of the Scientific course.

GREEK LANGUAGE AND LITERATURE.

The aim of the department is to lead the student to the acquisition of a living knowledge of the Greek language as an introduction to a practical acquaintance with Greek life and thought. It is believed that by careful and accurate work in the first years of the language the student can gain such knowledge as to enable him to read widely and independently. The courses laid down are such as are believed to be best adapted to that end. They are not invariably followed, but may be altered as the needs and tastes of the class make expedient. The work is varied, and an attempt is made to give a view of all departments of the literature. The department possesses the nucleus of a good collection of castes of antique sculpture, a small collection of painted vases and other antiquities, about a thousand photographs, and the beginning of a collection of stereopticon slides. A start has been made in the foundation of a department library.

The Greek Club is a voluntary organization for the purpose of sight reading and private work in special lines. The work the current year has been in Herodotus.

Course I.—Homer.—*The Iliad* or *The Odyssey*. Detailed study of one or two books and rapid reading of as much more as the time allows. This rapid reading of the Homeric poems as literature is made the basis of the study of early Greek life and civilization.

Throughout the year, three hours.

Private reading in Xenophon's Hellenica, or an equivalent, and Prose Composition based thereon. The aim is to develop a vocabulary and an accurate knowledge of Greek syntax.

Throughout the year, one hour.

Required of Classical Freshmen.

Course II.—Lysias.—*Selected orations.* Study of Attic Legal Antiquities. Selections from Aristotle's Constitution of Athens are read as collateral work.

Plato.—*Apology* and *Crito* or *Phaedo.* Outline of Greek Philosophy.

Demosthenes.—*The Olynthiacs* or *The Philippics.* The rise and development of Greek oratory.

Jebb's Greek Literature, with lectures. Assigned readings on special topics in Greek history and literature. Reading at sight.

Throughout the year, three hours.

Required of Classical Sophomores.

Course III. - **A. Thucydides.** A detailed study of the Peloponnesian War, using the Greek text as a basis of historical discussion. Much private reading is required in both Greek and English.

Throughout the year, three hours.

B. Greek Drama. Detailed study of two plays and rapid reading of several others. Usually the following will be read: Æschylus' *Prometheus Bound*, Sophocles' *Œdipus Tyrannus* and *Antigone*, Euripides' *Medea*, and Aristophanes' *The Frogs.* *Throughout the year, three hours.*

A. and B. are offered in alternate years. In 1897-8 B. will be given.

Course IV.—Classical Archæology. Lectures on Architecture, Vase Painting, and Sculpture, illustrated with casts, photographs and stereopticon views.

Throughout the year, two hours.

Elective for Classical Seniors. Given whenever elected by a sufficient number.

LATIN LANGUAGE AND LITERATURE.

The courses in the Latin Department are intended to direct the student to a systematic study of the language and its development; to acquaint him through a varied

reading of the best authors with the leading features of the literature, and to make him familiar with the main facts of Roman life and civilization.

The instruction is given by means of recitations supplemented by lectures and, in the elective courses, by individual research.

Course I.—Cicero, De Senectute and De Amicitia; Livy, Bks. XXI–II; Tacitus, Germania and Agricola. Prose Composition based upon the texts read.

Throughout the year, four hours.

Required in Freshman year of all courses.

Course II.—Horace, Odes and Epodes; Metres; Plautus, Miles Gloriosus; Terrence, Adelphi; Horace, Satires.

General view of Roman Literature to the Christian Era.

Throughout the year, three hours.

Required in the Sophomore year of the Classical and Latin and Modern Language Courses.

Course III.—Tacitus, Annals, Bks. I–VI; Pliny, Letters; Juvenal and Martial (Selections).

Topic for the year—Roman Life in the First Century A. D.

Throughout the year, three hours.

Elective in the Junior year of the Classical and Latin and Modern Language courses.

Course IV.—Cicero, Tusculan Disputations, Bk. I; Horace, Epistles.

Throughout the year, two hours.

Elective in the Senior year of the Classical and Latin and Modern Language courses.

HISTORY AND POLITICS.

Courses are offered in History and Politics throughout the Sophomore, Junior, and Senior years. The aim is to give to the student, such a knowledge of the facts and principles of history and politics as is essential to a liberal education and as will serve as a preparation for graduate studies in these sciences or for the study of law and journalism. The courses offered in history are confined to the mediæval and modern periods. The studies in mediæval history are preceded by a brief review of ancient history. Instruction is given by means of lectures, text-

books, essays, oral and written reports on readings assigned students in standard authorities.

(A) COURSES IN HISTORY.*

Course I.—Outlines of European History from 375 A. D. to the French Revolution. This course continues throughout the Sophomore year, and is required for admission to Courses II. and III. The work of the first half of the year is devoted to mediæval institutions and is based on Emerton's "Introduction to the Middle Ages" and "Mediæval Europe." Required readings are assigned in Fisher's "History of the Christian Church" and Adams's "Civilization of the Middle Ages." The work of the last half of the year is based on Duruy's "History of Modern Times." Required readings are assigned in standard authorities.

Three hours.

Course II.—The Renaissance and the Reformation. This course continues throughout the Junior year. Lectures and text-book. The text-book work is based on Symond's "A Short History of the Renaissance" and Hausser's "The Period of the Reformation, 1517–1648." This course will be given in alternate years with Course III. *Three hours.*

Course III. The French Revolution and Europe during the Nineteenth century. The first half of the year is devoted to the French Revolution and the Napoleonic Regime. Lectures and text-book. The text-book work is based on H. Morse Stephen's "European History, 1789–1815," and Rose's "The Revolutionary and Napoleonic Era." The last half of the year is devoted to a study of England, France, Germany, and Italy since the Congress of Vienna. Lectures and reports by students on assigned readings in standard authorities. Not given in 1897–8.

Three hours.

Course IV.—Senior year. The first half of this year is devoted to a study of England since the Reformation. Lectures and text-book. The text-book work is based on Green's "Short History of the English People" and required readings in Taswell-Langmead's "Constitutional History of England." The last half of this year is devoted to the Political and Constitutional History of the United States from 1781 to 1861. Lectures and reports by students on assigned readings in Von Holst, Schouler, McMaster, and other standard authorities.

Two hours.

*One year's work in History is required in all courses. Students who cannot elect Course I. in the Sophomore year may do so in the Junior year.

(B) COURSES IN POLITICAL SCIENCE AND ECONOMICS.

Course I.—Comparative Politics.—This course continues throughout the Junior year and is historical as well as comparative in method. The first half of the year is devoted to a study of the State, its origin, development, forms and ends, and a study of the governments of ancient Greece and Rome and mediæval times. The last half of the year is devoted to a study of the development and a comparison of the present constitutions of England, France, Germany, and the United States. The work is based on Wilson's "The State," and Burgess' "Political Science and Comparative Constitutional Law." *Three hours.*

Course II.—Constitutional Law of the United States.—This course is given in the fall term of the Senior year. Its purpose is to give to students a knowledge of the general principles of the constitutional law of the United States, both national and statal. The work is based on the texts of Cooley and Von Holst. Besides the text-book work, a special examination of a few leading cases is required of each student. The class work will be supplemented by lectures given by eminent lawyers on special topics. *Two hours.*

Course III.—Outlines of the Science of Economics. Lectures and text-book. The text-book work is based on Gide's "Principles of Political Economy." Required in Senior year of all courses. *Fall term, four hours.*

Course IV.—Practical Applications of the Science of Economics to Social Problems. Lectures, discussions, essays, and reports on assigned readings. Only students who have completed the work of Course III., are admitted to this course. Elective in Senior year. *Winter term, three hours.*

Course V.—International Law.—The work of this course is based on Woolsey's and Davis's "International Law." Special attention is given to the more important treaties since the Peace of Westphalia and to current international relations. Senior year. *Spring term, two hours.*

ENGLISH LANGUAGE AND LITERATURE.

The aim is to enable the student to acquire facility, correctness, and clearness in writing English. The courses in Rhetoric and Literature are correlated and are

so conducted as to supplement one the other. Essays and extempore writing are required frequently. The work in Literature aims to develop careful study, as opposed to cursory reading, of the great masters of the language. The historical study of the literature is attended with wide reading and careful study of well chosen specimens of the best authors.

Course I.—Practical Rhetoric.—Discussion and Criticism of Essays prepared. Assigned readings in Literature. Expression.

Throughout the year, one hour.

Required in Freshman year of all courses.

Course II.—Rhetoric.—The Science of Discourse. The development of a good individual style. Essays, Argumentation, Study of literary models, History of English Prose Literature, Genung's Practical Rhetoric and Minto's Manual of English Prose, Assigned Readings.

Throughout the year, three hours.

Required in Sophomore year of all courses.

Course III.—Old English.—(Cook's *First Book in Old English*) once a week. **Chaucer.**—General characteristics of his age. Special study of the Prologue and Knight's Tale (Skeat's edition).

Fall term, three hours.

Shakespeare.—Critical study of *Julius Cæsar* (Craik's English of Shakespeare). Analysis of other plays. Study of the technique of the drama (Freytag) and of English Versification (Gummere's Poetics).

Winter term, three hours.

English Philology.—The origin and development of the English Language. Course based upon Lounsbury's *History of the English Language* (Revised Edition).

Spring term, three hours.

Elective in Junior year of all courses.

Course IV.—Lectures on English Literature.—Critical rather than historical treatment of great writers.

Fall and Winter terms, two hours.

Elective in Senior year of the Scientific Course and required in Senior year of the other courses.

Course V.—Science of Criticism.—Lectures on Æsthetics.

Spring term, two hours.

Elective in Senior year of all courses.

Course VI.—Science of Language.—The origin and development of Language. Outlines of Comparative Philology.

Spring term, two hours.

Elective in Senior year of the Classical and Latin and Modern Language courses.

ENGLISH BIBLE.

Two courses are offered in the study of the English Bible. The importance of these courses can hardly be overestimated. The English Bible ought to be recognized as a necessary study in the Christian college.

Course I.—The origin and history of the Bible and its literary characteristics. *Winter term, two hours.*

Elective in Senior year of all courses.

Course II.—Study in the books of the Bible.

Spring term, two hours.

Elective in Senior year of all courses.

EXPRESSION AND ORATORY.

The work in this department aims to cover the essential principles of expression with their application, not only to public speaking, but also to everyday conversation. The object is to teach plain, simple reading; properly adjusting vowels and consonants, in order to bring out the melody in our language, which is too often lost sight of in careless methods of speech. As many voices differ in physical structure, it has been found best to adapt the work to individual needs, each member of the class receiving special attention in correction of mannerisms and defects. Individuality is considered of the first importance, and the training is not only for a better expression of the thoughts of others, but to help the student to a clearer interpretation of his own impressions. The less technique employed to gain the ability to read intelligently, the better.

Course I. provides a remedy for self-consciousness and exhaustion in speaking, thus leading the student to comprehend the true value of expression in a liberal education.

Course I.—Fall Term.—Vocal Physiology. Breath control. Tone production and voice placing. Thorough drill in elementary sounds. Proper adjustment of vowels and consonants. Easy and distinct articulation. Talks on expression by instructor. Exercises to improve physical powers of expression. Essays on subject required. Special attention to mannerisms and vocal defects.

Winter Term.—Simple descriptive reading, colloquial style, Dickens, Hawthorne, etc. Natural modes of emphasis, inflection, quality, pause, time, etc. Melody in speech. Recitations with individual criticisms. Sight reading. Cultivation of imagination in rendition.

Spring Term.—Reading of more difficult prose and poetry. Analysis. Vocal culture with special reference to the conversational voice. Theory of motion.

Throughout the year, two hours.

Required in Junior year of all courses.

Course II.—Fall Term.—Work in analysis continued. Reading Shakespeare, Milton, Hugo, etc., with study of rendering. Lectures on motion. Application of principles. Philosophy of expression as developed by Delsarte.

Winter Term.—Orators, ancient and modern compared. Orations required. Personality in delivery. Extemporaneous speaking. Bible and hymn reading.

Spring Term.—Expression and Literature. Co-operation of the agents of expression; voice culture; pantomimic expression as a means of interpreting thought and feeling as presented in literature.

Throughout the year, one hour.

Elective in Senior year of all courses.

MILITARY SCIENCE AND TACTICS.

All male students below the Junior Class are required to attend Military Instruction unless taking training in the gymnasium, or unless excused for physical disability.

Practical Instruction.—The practical instruction in this department consists of drills of three hours in each week. The cadets are exercised and instructed during the year in the Infantry Tactics of the U. S. Army, comprising the School of the Soldier, the School of the Company, and the School of the Battalion; and in all ceremonies, forms, parades, and reviews and honors to be paid by troops.

Instruction in Artillery is given in the School of the Soldier Dismounted, Manual of Piece, Mechanical Manœuvers, and the School of the Battery Dismounted. Breech-loading cadet rifles and accoutrements, and 3-inch wrought iron rifles, with all the necessary ammunition, are supplied by the Ordinance Department, U. S. Army. Instruction is also given in fencing, target practice, and the duties of guards and sentinels. The drills take place in the latter part of the afternoon, after the close of recitations, and should not interfere in the least with the study hours of the student.

Theoretical Instruction.—The course of theoretical instruction by recitation covers about the same ground as the practical instruction. For the first year, students are required to attend the practical instruction and lectures only. After one year's practical work they are expected to attend two recitations per week in Infantry Tactics. In addition to the recitations, lectures on military subjects are given. The course of lectures includes the most important subjects of the Art and Science of War, Ordnance and Gunnery, and Field Fortifications.

Uniform, Etc.—All cadets are required to be provided with a uniform, of the pattern prescribed by the faculty of the College, which will be worn on all drills, parades, etc., and at all practical military instruction. This uniform which costs from twelve to twenty dollars complete, need not be considered an extra expense, as the student must be clothed anyway, and not being striking in appearance, it can be worn on all occasions, and is habitually worn by a great many cadets. It is of good serviceable cloth, and as a rule will wear much better than an ordinary business suit of the same price. To secure uniformity, it should be procured in Meadville.

A certain part of each day should be given up to physical exercise, and it is thought that military drill furnishes one of the most valuable means of exercise and at the same time gives a young man a tendency to hold himself in an erect, manly way, and teaches him habits of neatness, punctuality, obedience, self-control, and respect for superiors, which cannot be acquired with such facility by any other means. It teaches *manliness* when a young man most needs such teaching. At the same time the student is acquiring a valuable knowledge of military matters which may or may not be of use to him. Quite a number of graduates of this college are giving military instruction in other institutions, and in some cases the want of it has cost graduates good positions.

By the laws of Pennsylvania, a graduate who has taken military instructions for four years, and has held the rank of Cadet Captain for six months at a college to which an officer is detailed by the War

Department of the Government, will, upon application, be appointed Brevet Second Lieutenant in the National Guard of the State.

The names of three graduates of the college most distinguished in Military Science and Tactics each year are published in the Official Register of the U. S. Army, and in General Orders of the Army. Such graduates would have a good basis for application for civil appointments as officers in the U. S. Army.

The military knowledge acquired can never come amiss, and in case of the United States being engaged in war, the advantages which would accrue from it would be incalculable. In taking military instruction the student assumes no legal obligations for military service thereafter.

The attention of parents and guardians is called to the value of this department, While its first object is to instruct the student in the fundamental principles of Military Art, it also gives a mental and physical training which would strongly recommend its advantages to those responsible for the education of young men.

PHYSICAL TRAINING.

For Young Men.—The college has a gymnasium, thoroughly equipped with necessary apparatus, bath rooms, and lockers. Regular class work is given under charge of a competent instructor provided by the college. It is recognized that the student needs systematic bodily culture under guidance, and the aim is to secure thorough, healthful, and regular physical exercise rather than special training for athletic contests. All male students below the Junior Class, not taking Military instruction, are required to take instruction in the gymnasium.

For Young Women.—This subject is considered of the first importance, and everything is done to promote and maintain the health of young women.

There is an abundance of time for out-door exercise, but during those seasons of the year when this seems impracticable, two lessons a week are given in physical training. It is urgently recommended that the lesson be supplemented with practice on intervening days.

No apparatus is used. The health exercises consist mostly of breathing, relaxing, stretching, and free gym-

nastics. No special system is employed, but the most helpful exercises are selected from different ones, and applied to suit individual needs. Those taken from Delsarte's System of Oratory, combined with excellent movements from Ling, have brought the most gratifying results; and nearly every year the report comes to us, "Without the Health Exercises I am convinced I could not have finished my college course."

This is largely due to the fact that the student is taught *how to rest*, as a preparation for learning *how to exercise*. The nerve training is most beneficial, as it guards against the too frequent error of gaining muscular development at the expense of nervous force. Believing that a well poised and well controlled body must have a reflex influence on the mind, the object in this course is to supplement mental training with physical training, thus sending out at graduation vigorous, graceful, and true women.

All young women living in Hulings Hall are required to take the course, unless presenting a certificate from a physician. Those living in town may avail themselves of the privilege.

LECTURES.

In addition to the regular work of the department, special lectures are given during the year by members of the faculty on a variety of subjects related to the work of higher education. Many of these lectures are illustrated with fine stereopticon views, and hence are entertaining as well as profitable.

As in the year 1895-6, courses of lectures have also been given by men outside of the faculty. These courses have been of real service in the work of the college. They have been supplementary to the regular department work as done by the professors. The following is a list of the special lectures for 1896 7 with their subjects:

LECTURES.

Judge Edwin H. Hatch.

The Legal Aspect of the Trial of Jesus.

Dr. Daniel Dorchester, Jr.

I. Stories New and Old.
II. What is Poetry.

Prof. Frank Smally, Ph. D.

I. Nero and Paul.
II. The Roman Forum.

Rev. James M. Buckley, D. D.

I. Miseries of the Half Trained Man.
II. Address in College Chapel on "The Meaning and Value of Student Life."
III. Peculiarities of Great Orators.

Rev. R. T. Randolph, D. D.

I. Halcyon Days in Venice.
II. Glories of Athens.

Rev. Charles H. Payne, D. D.

I. Sermon on Day of Prayer.
II. Address on Permanence and Value of the Spiritual Life.

CHAPEL TALKS.

In addition to these courses of lectures there have been given throughout the year on Friday morning at chapel hour a series of talks on a variety of subjects by members of the faculty and by representative men outside the faculty. Among the topics discussed during the year are the following: "The Situation in Greece." "Arbitration," "Chesterfield's Letters to His Son," "The Meaning and Value of History," "Importance of Learning How to Write Well," "The Dedication of the Washington Monument," etc., etc.

Similar courses of lectures are being provided for the scholastic year, 1897-8, and will be announced later. All these courses, though provided primarily for the benefit of the college students, are free to the public.

Schedule of Courses.

In the following courses at least one hundred eighty term hours must be completed for graduation. Forty-eight of these are required work in the Freshman year; not less than forty-five or more than fifty-one may be taken in the Sophomore year; not less than forty-two nor more than forty-eight may be taken in the Junior year; and forty-two are to be taken in the Senior year. It will be noticed that if the minimum of work be taken in the Sophomore year, more than the minimum will be needed in the Junior year to complete the one hundred eighty term hours required for graduation. *By "term hour" is meant one hour a week for one term.*

Studies not marked elective are required. From the electives the student will select enough to amount to not less than the minimum or more than the maximum requirements of each term. All elections are subject to the approval of the Faculty.

In the tables Arabic numerals denote the number of hours per week. Roman numerals refer to courses as detailed under Departments of Instruction.

Freshman Year.

All Studies Required.

	Classical.	Scientific.	Latin and Modern Languages.
Fall Term.	Latin I. 4. Greek I. 4. Mathematics I. 4. Biology I. 3. English I. 1. Military Drill or Gymnasium.	Latin I. 4. German I. 4. Mathematics I. 4. Biology I. 3. English I. 1. Military Drill or Gymnasium.	Latin I. 4. German I. 4. Mathematics I. 4. Biology I. 3. English I. 1. Military Drill or Gymnasium.
Winter Term.	Latin I. 4. Greek I. 4. Mathematics I. 4. Biology I. 3. English I. 1. Military Drill or Gymnasium.	Latin I. 4. German I. 4. Mathematics I. 4. Biology I. 3. English I. 1. Military Drill or Gymnasium.	Latin I. 4. German I. 4. Mathematics I. 4. Biology I. 3. English I. 1. Military Drill or Gymnasium.
Spring Term.	Latin I. 4. Greek I. 4. Mathematics I. 4. Biology I. 3. English I. 1. Military Drill or Gymnasium.	Latin I. 4. German I. 4. Mathematics I. 4. Biology I. 3. English I. 1. Military Drill or Gymnasium.	Latin I. 4. German I. 4. Mathematics I. 4. Biology I. 3. English I. 1. Military Drill or Gymnasium.

Sophomore Year.

The student must elect enough to make not less than fifteen nor more than seventeen hours a week.

	Classical.	Scientific.	Latin and Modern Languages.
Fall Term.	Latin II. 3. Greek II. 3. Chemistry I. 3. English II. 3 Military Drill or Gymnasium. *Elective.* German I. 4. French I. 4. Mathematics II. 3. History I. 3. Biology II. 3.	Mathematics II. 3. Chemistry I. 3. Biology II. 3. English II. 3. Military Drill or Gymnasium. *Elective.* Elementary Greek. 5. German II. 4. History I. 3.	Latin II. 3. German II. 4. Chemistry I. 3. English II. 3. Military Drill or Gymnasium. *Elective.* Mathematics II. 3. History I. 3. Biology II. 3.
Winter Term.	Latin II. 3. Greek II. 3. Chemistry I. 3. English II. 3. Military Drill or Gymnasium. *Elective.* German I. 4. French I. 4. Mathematics II. 3. History I. 3. Biology II. 3.	Mathematics II. 3. Chemistry I. 3. Biology II. 3. English II. 3. Military Drill or Gymnasium. *Elective.* Elementary Greek. 5. German II. 4. History I 3.	Latin II. 3. German II. 4. Chemistry I. 3. English II. 3. Military Drill or Gymnasium. *Elective.* Mathematics II. 3. History I. 3. Biology II. 3.
Spring Term.	Latin II. 3. Greek II. 3. Chemistry I. 3. English II. 3. Military Drill or Gymnasium. *Elective.* German I. 4. French I. 4. Mathematics II. 3. History I. 3. Biology II. 3.	Mathematics II. 3. Chemistry I. 3. Biology II. 3. English II. 3. Military Drill or Gymnasium. *Elective.* Elementary Greek. 5. German II. 4. History I. 3.	Latin II. 3. German II. 4. Chemistry 1. 3. English II. 3. Military Drill or Gymnasium. *Elective.* Mathematics II. 3. History I. 3. Biology. 3.

Junior Year.

The student must elect enough to make not less than fourteen nor more than sixteen hours a week.

	Classical.	Scientific.	Latin and Modern Languages.
Fall Term.	Physics I. 3 Elocution I. 2. *Elective.* Latin III. 3. Greek III. 3. German II. 4. French II. 4. English III. 3. Political Science I. 3. History II. 3. Biology IV. 2.	Physics I. 3. Chemistry II. 3. Elocution I. 2. *Elective.* German III. 3. French III. 3. Mathematics III. 2. English III. 3. Political Science I. 3 History II. 3. Biology IV. 2. Biology V. 3.	Physics I. 3. Elocution I. 2. *Elective.* Latin III. 3. German III. 3 French III. 3. Chemistry II. 3. English III. 3. History II. 3. Political Science I. 3. Biology IV. 2.
Winter Term.	Physics I. 3. Elocution I. 2. *Elective.* Latin III. 3. Greek III. 3. German II. 4. French II. 4. English III. 3. Political Science I. 3. History II. 3. Biology IV. 2.	Physics I. 3. Chemistry II. 3. Elocution I. 2. *Elective.* German III. 3. French III. 3. Mathematics III. 2. English III. 3. Political Science I. 3. History II. 3. Biology IV. 2. Biology V. 3.	Physics I. 3. Elocution I. 2. *Elective.* Latin III. 3. German III. 3. French III. 3. Chemistry II. 3. English III. 3. History II. 3. Political Science I. 3. Biology IV. 2.
Spring Term.	Physics I. 3. Logic I. 3. Elocution I. 2. *Elective.* Latin III. 3. Greek III. 3. German II. 4. French II. 4. Astronomy I. 4. English III. 3. Political Science I. 3. History II. 3. Biology IV. 2.	Physics I. 3. Chemistry II. 3. Astronomy I. 4. Elocution I. 2. *Elective.* German III. 3. French III. 3. Mathematics III. 2. English III. 3. Logic I. 3. Political Science I. 3. History II. 3. Biology IV. 2. Biology V. 3.	Physics I. 3. Logic I. 3. Elocution I. 2. *Elective.* Latin III. 3. German III. 3. French III. 3. Chemistry II. 3. Astronomy I. 4. English III. 3. History II. 3. Political Science I. 3. Biology IV. 2.

Senior Year.

The student must elect enough to make fourteen hours a week.

	Classical.	Scientific.	Latin and Modern Languages.
Fall Term.	English IV. 2. Metaphysics II. 4. Political Science III. 4. *Elective.* Greek IV. 2. Latin IV. 2. German IV. 3. French III. 3. Hebrew I. 4. History IV. 2. Constitutional Law II. 2. Elocution II. 1.	Physics II. 3. Metaphysics II. 4. Political Science III. 4. *Elective.* German IV. 3. English IV. 2. History IV. 2. Constitutional Law II. 2. Elocution II. 1. Biology VI. 1.	English IV. 2. Metaphysics II. 4. Political Science III. 4. *Elective.* Latin IV. 2. German IV. 3. History IV. 2. Constitutional Law II. 2. Elocution II. 1.
Winter Term.	Geology I. 3. English IV. 2. Evidences of Christianity V. 3. *Elective.* Greek IV. 2. Latin V. 2. German IV. 3. French III. 3. Hebrew I. 4. History IV. 2. English Bible I. 2. History of Philosophy III. 3. Political Science IV. 3. Elocution II. 1.	Physics II. 3. Geology I. 3. Evidences of Christianity V. 3. *Elective.* German IV. 3. English IV. 2. History IV. 2. English Bible I. 2. History of Philosophy III. 3. Political Science IV. 3. Elocution II. 1. Biology VI. 1.	Geology I. 3. English IV. 2. Evidences of Christianity V. 3. *Elective.* Latin V. 2. German IV. 3. History IV. 2. English Bible I. 2. History of Philosophy III. 3. Political Science IV. 3. Elocution II. I.
Spring Term.	Ethics IV. 3. *Elective.* Greek IV. 2. Latin V. 2. German IV. 3. French III. 3. Hebrew I. 4. Geology II. 3. Criticism V. 2. History IV. 2. English Bible II. 2. International Law V. 2. Science of Language VI. 2. Elocution II. 1.	Physics II. 3. Geology II. 3. Ethics IV. 3. *Elective.* German IV. 3. Criticism V. 2. History IV. 2. English Bible II. 2. International Law V. 2. Elocution II. 1. Biology VI. 1.	Ethics IV. 3. *Elective.* Latin V. 2. German IV. 3. Geology II. 3 Criticism V. 2. History IV. 2. English Bible II. 2. International Law V. 2. Science of Language VI. 2. Elocution II. 1.

English and Modern Language Course.

The regulations regarding requirements and electives under "Courses of Study in Various Departments of Instruction," pp. 17-32, do not apply to this course.

Fifteen hours a term required.

	Freshman.	Sophomore.	Junior.	Senior.
Fall Term.	French III. 3. German III. 3. Mathematics I. 4. Biology I. 3. English I. 2. Military Drill or Gymnasium.	German IV. 3. Chemistry I. 3. English II. 3. History I. 3. Elocution I. 3. Military Drill or Gymnasium.	English III. 3. History II. 3. Elocution II. 2. *Elective.* Chemistry II. 3. Physics I. 3. Political Science I. 3.	English IV. 2. Metaphysics II. 4. Political Science III. 4. History IV. 2. Constitutional Law II. 2. Elocution III. 1.
Winter Term.	French III. 3. German III. 3. Mathematics I. 4. Biology I. 3. English I. 2. Military Drill or Gymnasium.	German IV. 3. Chemistry I. 3. English II. 3. History I. 3. Elocution I. 3. Military Drill or Gymnasium.	English III. 3. History II. 3. Elocution II. 2. *Elective.* Chemistry II. 3. Physics I. 3. Political Science I. 3.	English IV. 2. Evidences of Christianity V. 3. History IV. 2. *Elective.* Geology I. 3 English Bible I. 2. History of Philosophy III. 3. Political Science IV. 3. Elocution III. 1.
Spring Term.	French III. 3. German III. 3. Mathematics I. 4. Biology I. 3. English I. 2. Military Drill or Gymnasium.	German IV. 3. Chemistry I. 3. English II. 3. History I. 3. Elocution I. 3. Military Drill or Gymnasium.	English III. 3. History II. 3. Elocution II. 2. *Elective.* Chemistry II. 3. Astronomy I. 4. Physics I. 3. Political Science I. 3. Logic I. 3.	Criticism V. 2. History IV. 2. Ethics IV. 3 *Elective.* Geology II. 3. English Bible II. 2 International Law V. 2. Science of Language VI. 2. Elocution III. 1.

Engineering Department.

The object of this course—which is not parallel to the literary courses—is to fit young men for civil and mechanical engineering, and to furnish a sound business education. It is well known that the demand for engineers is much greater than the supply. Our graduates have hitherto secured employment immediately after graduation, and, although this department is only ten years old, some of its graduates have already advanced to honorable and profitable positions. The course is thoroughly practical and adapted not only to those who intend to practice engineering as a profession, but also to the wants of a class of students having only a common school education and desiring to fit themselves as soon as possible for some of the numerous new pursuits opened by modern invention and science.

PREPARATION.

The subjects required for admission to this department are:

Arithmetic, Algebra, Geometry, Descriptive and Physical Geography, Natural Philosophy, Physiology, English Grammar, Elementary Rhetoric, Elementary English Literature with Readings, United States History, Ancient History, Civil Government, Two Years' Work in French.

The nature and amount of the required work in these subjects is the same as for the regular courses, and will be found detailed on pages 13 and 14.

SCIENCE.

The courses are the same as in the regular Scientific course. The detailed work is fully described on pages 17–21.

MATHEMATICS.

The courses are the same as in the regular Scientific course as detailed on pages 23 and 24.

ENGINEERING.

Work in drawing and allied subjects is required for three years, beginning with Freehand Drawing and being completed in Architectural Drawing and Stereotomy. Study of Structures, Drafting, ex-

tended work in Surveying and Plotting, and all practical engineering subjects are closely studied. All necessary instruments are provided and the student is thoroughly drilled in their use. This branch of the subject is made eminently practical in every particular.

GERMAN.

Two years' work is required in the Freshman and Sophomore years. For detailed statement see pages 21 and 22.

ELECTIVE WORK.

In the Junior and Senior years, in addition to the required technical subjects, the students will elect work from the courses offered in English, History, Political Science, Philosophy, and other subjects. No subject can be elected, however, for which the student has not had satisfactory preparation.

The accompanying table exhibits the work of the department. The Roman numerals refer to courses of instruction as detailed on pages 17–31; the Arabic numerals refer to the number of hour recitations a week. The work through the first two years is all required. In the Junior and Senior years the student will elect enough work to make a total of not less than fourteen hours a week.

DEGREE.

On completion of the course the degree of Bachelor of Science is conferred.

Classical Course.

Sixteen hours a week are required.

	First Year.	Second Year.	Third Year.
Fall Term.	Latin I. 5. English I. 2. Physiology. 4. Ancient History I. 5.	Latin IV. 5. English IV. 2. Algebra I. 4. Greek I. 5.	Latin VII. 5. English VII. 1. Algebra IV. 5. Greek IV. 5.
Winter Term.	Latin II. 5 English II. 2. Physical Geography. 4. Ancient History II. 5.	Latin V. 5. English V. 2. Algebra II. 4. Greek II. 5.	Latin VIII. 5. English VIII. 1. Geometry I. 5. Greek V. 5.
Spring Term.	Latin III. 5. English III. 3. Civil Government 3. Natural Philosophy. 5.	Latin VI. 5. English VIII. 2. Algebra III. 4. Greek III. 5.	Latin IX. 5. English IX. 1. Geometry II. 5. Greek VI. 5.

Scientific Course.

Sixteen hours a week are required.

	First Year.	Second Year.	Third Year.
Fall Term.	Latin I. 5. English I. 2. Physiology. 4. Ancient History I. 5.	Latin IV. 5. English IV. 2. Algebra I. 4. Greek I. 5; or French I. 5.	Latin VII. 5. English VII. 1. Algebra IV. 5. Greek IV. 5; or French IV. 5.
Winter Term.	Latin II. 5. English II. 2. Physical Geography. 4. Ancient History II. 5.	Latin V. 5. English V. 2. Algebra II. 4. Greek II. 5; or French II. 5.	Latin VIII. 5. English VIII. 1. Geometry I. 5. Greek V. 5; or French V. 5.
Spring Term.	Latin III. 5. English III. 3. Civil Government. 3. Natural Philosophy. 5.	Latin VI. 5. English VI. 2. Algebra III. 4. Greek III. 5; or French III. 5.	Latin IX. 5. English IX. 1. Geometry II. 5. Greek VI. 5; or French VI. 5.

Latin and Modern Language Course.

Sixteen hours a week required.

	First Year.	Second Year.	Third Year.
Fall Term.	Latin I. 5. English I. 2. Physiology. 4. Ancient History. 5.	Latin IV. 5. English III. 2. Algebra I. 5. French I. 5.	Latin VII. 5. English VII. 1. Algebra IV. 5. French IV. 5.
Winter Term.	Latin II. 5. English II. 2. Physical Geography. 4. Ancient History I. 5.	Latin V. 5. English V. 2. Algebra II. 5. French II. 5.	Latin VIII. 5, English VIII. 1. Geometry I. 5. French V. 5.
Spring Term.	Latin III. 5. English III. 3. Civil Government. 3. Natural Philosophy. 5.	Latin VI. 2. English VI. 2. Algebra III. 4. French III. 5.	Latin IX. 5. English IX. 1. Geometry II. 5. French VI. 5.

DESCRIPTION OF THE WORK.

The following is an outline of the various branches of study.

LATIN.

I.-II.—First Latin Book, *Collar and Daniell.*

III.—Prose Composition, *Collar.*

IV.-V.—Selected Latin Readings, *Arrowsmith and Whicher.*

VI.—Cicero, Orations I. and II. against Catiline, *Kelsey.* Latin Prose.

VII.—Cicero, Orations III. and IV. against Catiline, Oration for Archias, Selected Letters.

VIII.—Vergil, Æneid, Books I. and II., *Greenough.* Prosody, Mythology.

IX.—Vergil, Æneid, Books III.–VI. Mythology.

GREEK.

I.-II.—Beginner's Greek Book, *White.* Special attention given to translations from English into Greek.

III.—Beginner's Greek Book. Xenophon, Anabasis begun, *Goodwin.*

IV.-V.—Xenophon, Anabasis, Books I.–IV.

VI.—Xenophon, Anabasis, Books V.–VII.

ENGLISH.

I.-II.—English Composition and Readings.

III.-IV.—Elements of Rhetoric, *Hill.*

V.-VI.—English Literature, *Kellogg.*

VII.-IX.—Critical Readings from Shakespeare, Bacon, Milton, Goldsmith, Byron, Dickens, George Eliot, Macaulay, Tennyson, Irving, and Longfellow.

FRENCH.

I.-III.—French Course, *Chardenal;* easy prose translation. French Reader, *Super,* or an equivalent.

IV.-VI.—Composition, *Blouet;* wide reading of prose fiction; conversation.

MATHEMATICS.

I.-IV.—Algebra. Through Quadratics, *Wentworth's Complete.*

I.-II.—Geometry, Plane and Solid, *Wentworth.*

SCIENCE.

Physiology, *Walker.* Natural Philosophy and laboratory experiments, *Gage.* Physical Geography, *Eclectic.*

HISTORY.

Civil Government, *Macy's "Our Government."* History of the Eastern Nations and Greece, *Myers.* Shorter History of the Roman People, *Allen.*

OTHER PREPARATORY SCHOOLS.

The following are regular preparatory schools for this College, and students holding certificates from them are admited without examination.

PITTSBURG CONFERENCE.

BEAVER COLLEGE, BEAVER, PA.,
REV. N. H. HOLMES, A. M. PRINCIPAL.

ERIE CONFERENCE.

CHAMBERLAIN INSTITUTE, RANDOLPH, N. Y.
REV. E. A. BISHOP, PH. D., PRINCIPAL.

EAST OHIO CONFERENCE.

WESTERN RESERVE SEMINARY, WEST FARMINGTON, O.
REV. T. H. ARMSTRONG, PH. D., PRINCIPAL.

General Information.

EXPENSES.

All students pay an incidental fee of $15 a term, and will not be enrolled in classes without the Treasurer's receipt.

In the Laboratory each student in Chemistry, Course I., pays $2.50 a term for use of chemicals and apparatus, and in Course II., $5.00. In Biology an extra fee, sufficient to cover the cost of material, will be charged. Students in the Civil Engineering Course pay a fee of $5.00 in addition to the incidental fee. Students who elect Gymnasium, will pay a fee of $3.00 a term.

The College does not provide room and boarding for young men, but the Faculty will render all possible aid to students in securing comfortable homes. Good furnished rooms can be secured, costing each occupant about sixty cents a week, the rooms to be taken care of by the owners and not by the students. The College can do no better for the students than to place them in private families, surrounded by the influences of a home life; and experience proves that herding young men in barracks is not the best way to secure their moral culture.

The most important item in the expenses of a student is the cost of living. Every effort has been made to reduce the living expenses as low as possible, and at the same time secure everything that is necessary for health and comfort.

Expenses of Young Men.—The young men of the College may board in clubs or in private families; the latter costing about one-third more than the former. A club is simply an arrangement to divide the cost of table board among the boarders. It is a boarding house conducted on the co-operative principle. Provisions are

bought at a discount, and expense is saved by increasing the number of boarders. The club is managed by a commissary, who receives and pays the money, makes all purchases, and employs the help. For this service he receives a small weekly payment from each member of the club. The commissary is always a student, and several students work their way through college as commissaries. The cost of good table board is in this way reduced to from $2.00 to $2.50 per week. Provided the student have a room-mate, the estimate for the necessary expenses, based upon good club board, is as follows for a term of twelve weeks:

LOWEST.

Room Rent, Fuel, and Light	$ 7 00
Table Board	24 00
Books	2 00
Term Fee	15 00
Total	$48 00

LIBERAL.

Room Rent, Fuel, and Light	$15 00
Table Board	30 00
Books	7 00
Term Fee	15 00
Total	$67 00

To this must be added personal laundry and a small annual expense in the literary society to which the student belongs. Expenses other than those enumerated depend entirely on a student's tastes and habits. Few students will have occasion for spending more than $75 a term. An economical student can live on $60 a term and suffer no social disparagement; indeed, each year several students spend less than this and yet live comfortably. The only caste in the college is based on good conduct and good work.

CLUB RULES.—The club commissaries of the college have agreed upon the following rules :

1. Every member of the club must deposit $10 when he enters the club, and at the opening of every term.

2. Each member must also pay at the end of the first and second months of each term the full amount of his share of the expenses for each month.

3. The deposit of $10 will be applied as far as may be needed to the expenses of the third month of the term.

These regulations are necessary to enable the commissaries to buy advantageously for cash, and to relieve members of all risks from bad debts. There are no profits; therefore there can be no losses. A student dismissed from one club for slackness in meeting his obligations will not be admitted to any other. The club system is worth at least forty dollars a year to each student. It is therefore to the interest of all to support the system by prompt payment.

HULINGS HALL.

A HOME FOR YOUNG WOMEN.—Allegheny College is a co-educational institution. Co-education is no longer on the defensive. Within the last few years many old and reliable institutions have opened their doors to young women on an equality with young men. Co-education is in the air. It is believed by many, however, that there are some features of the Woman's College which should be preserved in our educational system—among them the home idea. In our Hulings Hall we try to furnish an ideal educational home for young women. This Hall is in charge of a competent and accomplished Preceptress, who devotes her whole time to the interests of the home. Her influence is constantly felt in the social, moral, and religious development of the young women under her charge. In addition to the Preceptress we have two resident teachers. Their presence adds greatly to the advantages of the home.

EXPENSES OF YOUNG WOMEN.—The expenses of young women are about the same as those of young men. They pay in Hulings Hall for furnished rooms, heat, and light, about the same rate as young men pay in private houses. Each should bring with her the following articles: Sheets, pillow cases, and bed covering; towels, napkins, knife, fork, and spoons. The rooms are furnished with beds, mattresses, pillows, chairs, and tables. The young ladies pay room rent at the beginning of each term, at the following rates: In the main corridors: If two occupy a room, each will pay $8 a term on the second floor; if one has a room exclusively, she will pay $12 a term. In the rear corridors: Two in a room, each will pay $5 a term; if one has a room exclusively, she will pay $8 a term. On the third floor each student will pay one dollar less than on lower floors. The fee for heat and light is $7 a term for each student. Permission to occupy rooms exclusively will be granted by the Preceptress when the number of furnished rooms is sufficient.

The total expenses for room, heat, light, and board will vary from $3.50 to $4.50 a week, depending largely on the location of the room and whether the student occupies a room alone.

REGULATIONS.—Young women not living at home or with relatives must live in Hulings Hall. Applicants for admission to the Hall are reminded that the purpose of residence there is not social but educational. They are supposed to be not children, but young women with fixed principles and elevated aims. The regulations are not artificial or arbitrary, but such as are considered essential to the ends for which the Hall is maintained. All proper freedom is accorded the residents, but the authorities of the College reserve the right to decide what "proper freedom" is. The idea of the Hall is a Christian educational home.

SELF HELP.

Young men help themselves in several ways. About twenty of the present students are paying their expenses in whole or in part. There are ten or twelve employed in light work connected with the College or the boarding clubs. Others are serving churches in the neighborhood of Meadville. It is the policy of the College to favor students that help themselves.

THE MISS LINDLEY ENDOWMENT.

By the will of the late Miss Lucy Lindley, of Meadville, the College received the sum of ten thousand dollars, the interest of which is devoted to paying the term fees of students dependent upon their own efforts to obtain an education. Applications for aid from this fund should be made to the President. It should be understood, however, that only a few students can be aided in this way.

CANDIDATES FOR THE MINISTRY.

The College has educated a large number of ministers, and more than thirty candidates for the ministry are now in its classes. Arrangements are made to give such students as much of a special education as is consistent with the obtaining of a general education. After a solid foundation of disciplinary study has been laid, special study can be made useful; without the foundation the house will be built in vain. Some of the candidates for the ministry are employed in the pulpits of the adjacent country, and are supported by the churches in whole or part, while pursuing their studies. To a limited extent, the President is able to make loans without interest to promising candidates for the ministry. Loans have been made this way to about twenty students the present year. It is believed that a mature young man can safely and prudently contract a small debt to complete his education. But it is of the first importance that the candidates

for the Christian ministry receiving such loans should regard them as debts of honor and conscience. The College does not desire, by means of such loans, to impair the financial integrity of Christian ministers. On the other hand, a candidate for the ministry need have no hesitation about doing business on a business footing with the loan fund societies. In no case, however, will more than one-half of a young minister's annual expenses be lent him.

RELIGIOUS CULTURE.

The College was founded by Christian men for the promotion of Christian culture. It believes that education should always include, as its highest aim, the development of Christian character. It seeks to surround the student with such influences and helps as foster the religious life. Chapel services are held mornings in Ruter Hall, and all students are required to be present. Regular attendance on Sunday mornings at some church, selected by the student or his parents, is also required. A regular prayer meeting is held Wednesday evening of each week, lasting from 7 to 8 o'clock. Its results are manifest in the quickening and strengthening of many in the religious life. Prayer meetings, under the care of the Young Men's Christian Association of the College, are held on Saturday evening of each week in their hall. On Sunday evening the Young Woman's Christian Association holds its regular meetings in the parlor of Hulings Hall. The students' Christian Associations also conduct religious services weekly in several places in the city and surrounding region. In this way the students are brought into religious association and become interested in one another's religious welfare.

The religious influence of the College is not in any sense sectarian, but Christian. On the roster this year are representatives from sixteen Christian denominations.

The aim is to make the moral and religious life of the College such that the student will be under as helpful influences here in Meadville as he would be in his own Christian home.

THE WEEKLY HOLIDAY.

The sessions of the College are held on Tuesdays, Wednesdays, Thursdays, Fridays, and Saturdays, leaving Monday instead of Saturday for rest. This plan has been in use for several years, and is greatly preferred by teachers and students. It is adapted to the wants of students in towns adjacent to Meadville—within forty or fifty miles—who desire to spend Sunday at home. The railroads furnish mileage tickets at reduced rates, and the clubs make a deduction for absence from the boarding tables. The cost of spending Sunday at home is in this way made small. This plan is commended to the attention of parents who may be so situated as to be able to avail themselves of its obvious advantages.

LITERARY SOCIETIES.

There are three Literary Societies: The Allegheny, Philo-Franklin, and Ossoli (the ladies' society). The societies have their respective halls and libraries. The libraries contain about 3,000 volumes. The societies hold public literary exercises and prize contests in the Chapel. These societies render the College efficient service in the literary and forensic training of students, and the society friendships are invaluable to the members. The regular meetings are held on Friday evenings.

CLUBS.

The Dalton Science Club, composed of the President and scientific instructors of the college and fifteen members elected from the student body, meets once in two weeks throughout the college year for the reading of papers and the discussion of current scientific literature.

THE CLASSICAL CLUB, composed of the instructors in the classical department and advanced students to the number of about thirty, meets once in two weeks for the discussion of papers submitted by members on lines of classical investigation.

These clubs permit a student to do special and original work in his chosen field.

IMPORTANT REGULATIONS.

EXCUSES FOR ABSENCE.—The President does not excuse any student from college duties. When it is necessary he will grant leave of absence, but the student must also obtain the assent of his instructors.

When special requests are made to the President they are understood to be made to the Faculty; and the proper form of such requests is a written application for the desired excuse or favor, and this written request should set forth plainly the reasons for it.

EXAMINATIONS.—There will be three examinations of classes during the year. The first will be held on the last three days of the Fall term; the second on the last three days of the Winter term; the third will begin a week previous to commencement.

SPECIAL EXAMINATIONS.—Students desiring special examinations are required to make application for the same to the faculty. A fee of $1 a term now is charged for the same.

NUMBER OF STUDIES.—No student can take work amounting to more than maximum requirements of his class without the special permission of the Faculty. The action of the Faculty in each case will depend upon the student's health and his standing in other classes.

CLASSIFICATION.

The classification of the Catalogue is made in May of the last term of the college year, and gives the class rank for the year.

A student who has completed all preparatory work, or its equivalent, and thirty-six term hours of college work will be ranked as Freshman; when he has completed eighty-four term hours he will be ranked Sophomore; when he has completed one hundred thirty-two term hours he will be ranked Junior. But no student will be admitted to the Junior class until he has completed all preparatory work, and no student will be ranked Junior until he has completed Course I. of Mathematics.

SPECIAL STUDENTS.

Persons desiring to pursue studies in the College are, as a rule, required to be prepared to enter the Freshman class, as a candidate for some one of the degrees. Under exceptional circumstances, however, persons who are not candidates for a degree may be admitted as special students and allowed to pursue selected studies. Every such person will be required to satisfy the Faculty that he is prepared to do, with profit, the work which he selects.

DEGREES.

The degree of Bachelor of Arts is conferred upon those who complete, in a satisfactory manner, either of the three courses, Classical, Scientific, Latin and Modern Languages.

The degree of Bachelor of Letters is conferred upon those who complete, in a satisfactory manner, the course in English and Modern Languages.

The degree of Master of Arts may be conferred on Bachelors of Arts of this College who have completed a course of at least three years in length at an approved professional school.

Bachelors of Arts of this College, or of other of equal rank, may pursue in residence work in not more than two distinct lines of study. On the completion of a full year's work, and the presentation of a satisfactory thesis, the degree of Master of Arts will be conferred.

Bachelors of Arts of this College may, by vote of the Faculty, be permitted to pursue this work in non-residence, but in that case at least two years must be devoted to it.

The degree of Civil Engineer is conferred upon those who complete the Engineering course.

Every person receiving a degree from the College will pay a fee of five dollars for diploma.

FORM OF BEQUEST.

"I hereby give, devise, and bequeath to Allegheny College, at Meadville, Penn'a, the sum of——" (or such other property, real or personal, as may be described).

Register of Students.

COLLEGE.

The small capitals following the names indicate the course, C standing for Classical, S for Scientific, L for Latin and Modern Language, ML for English and Modern Language, and E for Civil Engineering.

CANDIDATE FOR THE DEGREE OF MASTER OF ARTS.

HOWE, GERTRUDE ISABELLE, A. B., . . Meadville

SENIORS.

BASCOM, BLANCHE ELIZABETH, L . . Greensburg, O.
BEAZELL, WILLIAM PRESTON, C . . Wilkinsburg
BEST, M. BLANCHE, L . . . . . Meadville
BORDWELL, CHARLES ELLWOOD, C . . Bear Lake
BRISON, JOSEPH DICKSON, C . . . Pittsburg
CALVIN, KATHERINE, L . . . . Meadville
CURTIS, STILLMAN WILSON, E . . . Tidioute
DARROW, FRANK TENNEY, E . . . . Corry
DOUDS, JAMES HOWARD, S . . Calvin's Corners
FOX, CHARLES JAMES, E . . . . Meadville
GOODWIN, EDWIN D., S . . . . Diamond
GRANT, GEORGE, C . . . . . Tarentum
HAYES, EDNA, C . . . . . Meadville
HENRETTA, JAMES EDWARD, S . . Harmonsburg
HIGLEY, OREN B., E . . . . Meadville
KINCAID, GERRY THADAEUS, L . . . . Corry
LAFFER, NELLE ELIZABETH, L . . Meadville
LATTIN, LENA, C . . . Cattaraugus, N. Y.
LINDSEY, EARL CREAL, C . . . Jamestown
MACGOWAN, WILLIAM LEROY, S . . . Warren
MAITLAND, ARTHUR SHIPPEN, E . . . Oil City
MCINTYRE, CHARLES ALFRED, E . . Hydetown
MIXSELL, FRANK HILL, C . . . S. Bethlehem
POPOFF, STEPHEN S., L . . . . Meadville
PORTER, CHARLES ARTHUR, L . . Meadville

RICH, INEZ R., C . . . Cattaraugus, N. Y.
SCHOENFELD, JULIA, L . . . . Meadville
SMITH, EDWARD ELLSWORTH, C . . . Pulaski
STEWART, HARRY SIDNEY, C . . Jamestown, N.Y.
SWANEY, DAVID SCOWDEN, S . . . Meadville
TAYLOR, CHARLES CLINTON, S . . Akron, O.
THOMPSON, ARTHUR WEBSTER, E . . Meadville
THOMPSON, WALTFR EUGENE, C . . Warwick, N. Y.
TOBIAS, WILLIAM EDMUND, C . . New Millport
WARD, BERTHA ESTELLA, L . . . . Franklin

JUNIORS.

Bower, John Frederick, C . . . Fredonia
Brown, Amy Lee, ML . . . Jamestown, N. Y.
Breed, Frederick Stephen, L . . . . Butler
Calvin, Robert Baxter, S . . Calvin's Corners
Campbell, Anna, L . . . . . Kane
Colter, Mary Culbertson, L . . . Meadville
Confer, Mabel Gibbony, S . . . Oil City
Deens, Anna M., S . . . . . Beaver
Dillon, Frank Weber, S . . . Union City
Graves, Homer Benton, E . . . Springboro
Haas, Eva Blanche, L . . . . Meadville
Holmes, Ralph William, S . . . . Beaver
Horton, Arthur D., C . . . . Erie
Illingworth, Charlotte Jane, L . . . Pittsburg
Jones, John, E . . . . . Sharon
Kepler, Mary Caroline, L . . . Meadville
Lefever, Clarence Homer, S . . . Hayfield
Lowstuter, Will Jackson, C . . . Brownsville
Mayers, Andrew Jay, C . . . Hubbard, O.
McCloskey, John Hugh, L . . . Meadville
Prindle, James P., E . . . Batavia, Ill.
Walker, McBain, C . . . Saybrook, O.
Weyand, Paul, C . . . . . Beaver
Wilkinson, John Wright, E . . . Meadville

Wolfe, Robert Hornell, C . . . East Bethlehem
Wright, James Vernon, C . . . Homestead

SOPHOMORES.

Baker, Bessie M., S . . . . . Meadville
Bartholomew, Belle L., C . . . . Warren
Billingsley, Guy Waldo, C . Middlebourne, W. Va.
Bordwell, Theodore Ivan, L . . Bear Lake
Breene, Mary Luella, C . . . . Corry
Casteel, Dana Breckinridge, C . . . Tarentum
Chapin, Albert Orlo, S . . . . Wattsburg
Clark, Daisy J., L . . . . . Meadville
Clingensmith, J. Isabel, C . . . Wattsburg
Cole, Howard Newton, E . . . Cornelian, O.
Colter, James Edward, E . . . Meadville
Courtenay, Mary Florence, L . . Meadville
Cowell, George G., L . . . . Meadville
Davis, James Warner, C . . Frewsburg, N. Y.
Derickson, Donald, E . . . . Meadville
DeWolf, Tensard Robert, S . . . . Butler
Eaton, Oliver K., C . . . . McKeesport
Eaton, Paul, S . . . . . McKeesport
Endean, Frank Joseph, E . . . Petrolia
Gillett, Sherman Groo, C . . Warwick, N. Y.
Harper, Walter Glenn, L . . . . Meadville
Hart, John S., C . . . . . West Newton
Hassler, Harriot, L . . . . . Meadville
Heydrick, Louis Clare, E . . . Meadville
Leet, Clifford L., E . . . . Conneautville
Lofthouse, Walter Henry, C . . . Meadville
Miller, Charles Haven, C . . . . Butler
Moore, Olive Elizabeth, L . . . Meadville
Mumford, Aaron Weller, S . . . Meadville
Murray, Nellie, L . . . . Meadville
Oakes, Edwin Stacey, C . . Cattaraugus, N. Y.
Paisley, Margaret A., L . . . . New Castle

Porter, Harry, S . . . . Cambridge Springs
Rich, John Russell, C . . . . DuBois
Rossiter, Leon Percival, E . . . Meadville
Sherred, Nellie Lora, C . . Cambridge Springs
Soult, Edwin Emerson Earl, S . . Greenville
Steele, Harry Keeler, C . . . . Brookville
Stratton, Harry Ferguson, S . . . Strattonville
Sturtevant, Paul, L . . . . Conneautville
Tonkin, Wade Hampton, E . . . Oil City
Wait, Joseph Oren, ML . . McLallen's Corners
Wilkenson, William Lewis, C . . . Pittsburg

FRESHMEN.

Austin, George Frederick, L . . . . Meadville
Boal, James Record, C . . . . Cochranton
Borland, Walter Siverly, E . . . . Oil City
Brown, Robert E., C . . . Jamestown, N. Y.
Burdge, Howard Griffith, S . . . Cincinnati, O.
Champlin, Norman Perry, C . . . Ruth, N. Y.
Cole, Ernie Byron, E . . . . . Venango
Cook, Ada May, L . . . . . Meadville
Davis, Charles Ross, S . . . . . Pulaski
Edson, Emma Marguerite, L . . . Meadville
Ellsworth, Eber J., E . . . . . Ivarea
Emerson, Oscar Burdeth, C . . . Saltsburg
Gibson, Robert Randolph, S . Blooming Valley
Graham, Roy, L . . . . . Meadville
Griswold, Edith, C . . . . Kinsman, O.
Hawkins, Glenwood, E . . . . Edinboro
Hempstead, Louise, L . . . . . Meadville
Hockensmith, Wilbur Darwin, E . . . Irwin
Horne, Jennie Arzella, L . . . Greenville
Humeston, Edwin Alden, S . . . Guys' Mills
Hyde, James N., L . . . . Farmington, O.
Irwin, Robert Alfred, E . . . . Hayfield
Johnson, Emmet Elzer, E . . . . Meadville

Jones, Ora L., C . . . . . Cleveland, O.
Kimmel, John Oliver, E . . . . Sharpsville
Knapp, Clyde Shepard, L . . . . Titusville
McAllister, Elizabeth, L . . . . West Newton
McClure, Frank Tennis, C . . . . Sandy Lake
McCray, Iva Dell, L . . . . . Butler
McCrumb, Richard Carr, S . . . . Jamestown
McMichael, Lynn, S . . . . . Stony Point
Merchant, Coral A., C . . . . . Akron, O.
Moore, Sara, L . . . . . Parker's Landing
Moorhead, Forest George, L . . . . Greenville
Matteson, Frank Lawrence, C . . . . Corry
Montague, E. Parke, S . . . . Conneautville
Palmer, James Joseph, S . . . Decker's Point
Parshall, Alice, ML . . . . . Tidioute
Phillips, Everette Franklin, L . . . Ravenna, O.
Ray, Harry Tilden, E . . . . Monongahela
Ray, Robert Meredith, L . . . . Meadville
Relf, George Orris, S . . . Jamestown, N. Y.
Reno, John Francis, S . . . . . Erie
Robbins, Lutellus Lindley, E . . . McKeesport
Rohrbaugh, Edward Gay, C . . Beverly, W. Va.
Rose, Emily, L . . . . . Meadville
Salisbury, Irvin Newton, S . Center Road Station
Sayer, Henry Dick, C . . . . Walden, N. Y.
Secrist, William Bell, C . . . . West Newton
Shatto, Otis Bryant, C . . . . Weldon, O.
Smith, Elbert Cook, C . . . Cattaraugus, N. Y.
Snyder, Jay Wayne, E . . . . Saegertown
Stolzenbach, Frank D., L . . . . Pittsburg
Swisher, Lloyd Lawrence, C . . . . Oil City
Thounhurst, William S., C . . . . Meadville
Van Camp, Clyde Frank, S . . . . Girard
Vought, Sabra Wilbur, C . . Jamestown, N. Y.
Wagner, Charles Simeon, E . . . Meadville

Weir, Ralph, S . . . . Chautauqua, N. Y.
Weller, Burt Irwin, E . . . . . Meadville
White, James Edmund, E . . Frewsburg, N. Y.
Wilkins, Claribelle Howard, L . . . Warren
Williams, Benjamin Ramage, L . . . Butler
Wintermute, Helen Irene, L . . . Waring
Womer, William Alexander, C . . New Lebanon
Woodring, Anna Orr, L . . . Washington
Woodring, William Oliver, C . . . Saegertown
Wright, James Jay, C . . . . . Meadville
Yelvington, Stephen Osborn, C . . Meadville

SPECIAL.

Allen, Clarence Buell, ... Wattsburg
Cutter, Norma, ... Meadville
Hine, John William, . . . Jamestown, N. Y.
McKinney, Estella Belle, ... Meadville
Miller, Melvin Jefferson, ... Geneva
Mumford, Mary, ... Meadville
Newell, Ida Pierce, ... Meadville
Roddy, Edith Jeannette, ... Meadville

PREPARATORY DEPARTMENT.

THIRD PREPARATORY.

Bradley, Samuel Hayes, . . . Cherrytree
Davis, Harry F., ... Blairsville
Davis, Ira Wilhelm, ... Osborn
Douglass, Charles E., . . . Punxsutawney
Goff, Walter Roy, ... Pittsburg
Greenland, Della V., . . . Connellsville
Greenlee, Ralph Stebbins, . . . Rundells
Hastings, Gertrude, ... Meadville
Jameson, Fred Homer, ... Petrolia
Kepler, Frank Roy, ... Milesgrove
Lowell, Joseph Wiseman, ... Erie
McQuiston, Ira DeForrest, . . . Rixford
Merchant, Jessie, ... Parker's Landing

Morrow, S. John, ... Rundells
Okada, Chinichiro, ... Kumamota, Japan
Osaki, Yukitaca, ... Tokio, Japan
Persell, Charles B., ... Frewsburg, N. Y.
Persell, George A., ... Frewsburg, N. Y.
Reitz, Joseph Spare, ... Stanton
Richmire, Charles A., . . . Salamanca, N. Y.
Roberts, John Emery, ... Atlantic
Stark, Marian Neville, ... Mansfield, O.
Swearer, Robert Leeman, . . . Pittsburg
Venman, Milton Elof, . . Frewsburg, N. Y.

SECOND PREPARATORY.

Adsit, Cora Elena, ... Clark
Alcorn, Alice Martha, ... Titusville
Allee, John Gage, ... Cambridge Springs
Andrews, John Rankin, ... Adamsville
Bankson, Earl Conrad, . . . North Clarendon
Barnette, Ralph, ... Meadville
Beatty, Charles Denver, . . . Meadville
Black, Berton Alexander, ... Franklin
Blakenay, D. N. Freeland, . . Middletown, N. Y.
Bryan, William Holmes, ... Meadville
Buzza, William Malcolm, . . . Falls Creek
Byers, James Chauncey, . . . West Middlesex
Byers, William Craig, . . . New Washington
Conley, Margaret B., ... Tamarac
Culp, Mabel Grace, ... Sugar Creek
Delamater, Henry Bruce, ... Meadville
Delamater, Maude, ... Meadville
Dewey, Walter E., ... Meadville
DeWolf, Charles Livingstone, . . . Chicora
Dunn, Harry A., ... Meadville
Ellsworth, Harrison, ... Ivarea
English, Richard, ... Meadville
Field, Fred J., ... Geneva

George, Wayne B., ... Patrons
Greenlee, Fred, ... Hartstown
Grauel, Fred E., ... Greenville
Hess, Harry Caliver, . . Drakesville, W. Va.
Heiner, Charlotte, . . . Parker's Landing
Hinckley, John Fay, . . Cambridge Springs
Hinckley, Clara Dean, . . Cambridge Springs
Hopkins, Daniel Orlando, . . . Townville
Kiefer, Elsie Elizabeth, ... Bellevue
Lacock, Hallie M., ... Canonsburg
McCormick, Arthur F., ... Limestone
McCreight, James Madison, . . Reynoldsville
McKinney, James E., ... Meadville
McLaughlin, Euphastus Albert, . . Summerville
Miller, Charles Wesley, . . . West Freedom
Moore, Darius Carrier, ... Meadville
McMaster, Mae, ... Adamsville
Palmer, Jerome Ord, . . . Decker's Point
Paul, Roy, ... Johnstown
Reed, Gertrude Amelia, ... Meadville
Reese, Delos Henry, ... Johnsonburg
Rice, A. Roy, ... Meadville
Royal, Charles Ross, ... Jamestown
Rynd, John Dickson, ... Oil City
Salisbury, Jennie E., . . . Center Road Station
Shallenberger, Thomas Gardner, . McKeesport
Stowe, Edith Myrtle, ... Arbuckle
Sheldon, Morton, ... Springboro
Smith, Ira James, ... Burnside
Sutton, George Arlington, . . Little Cooley
Taylor, Carlton James, ... Meadville
Taylor, Robbins Newton, . . . Meadville
Thomas, Albert Leroy, ... Woodcock
Tolerton, Harry Hill, ... Toledo, O.
Tucker, James Merle, ... Springboro

Van Vlack, Carl Clark, . . . West Mill Creek
Wildman, Franklin Adelbert, . . Union City
Wolstoncroft, John Harvey, . . . Pittsburg
Wright, William Edward, ... Meadville

FIRST PREPARATORY.

Azhderian, Mihran H., . . Marsovan, Armenia
Birchard, Harry Luther, . . Pinney's Corners
Blanchard, Judson Lee, ... Black Ash
Borland, John Calvin Allen, . . . Cochranton
Brady, Robert Newton, ... Union City
Buxton, Alfred George, ... Hillsville
Charlesworth, Thomas, ... Adelaide
Clark, Benjamin Lewis, ... Sylvis
Cooper, Ira Edward, ... Union City
Coulter, John Cyrus, . . . Manor Station
Craig, Charles, ... McKeesport
Davis, Elizabeth, ... Reynoldsville
Farragher, John, ... Youngstown, O.
Fuller, Anna Mary, ... Cochranton
Gill, Robert Stowe, ... Meadville
Goal, Joseph, ... North Clarendon
Hainen, Ethel Grace, ... Meadville
Hancock, Frederick James, . . . Woodcock
Isbell, Gilbert Arthur, ... Woolrich
Isbell, William C., ... Woolrich
Johnston, Francis Calvin, ... Meadville
Kebert, Roy Phillips, ... Kerrtown
Kimball, Gallien Forest, . . . Milnersville, O.
Leach, Earl D., ... Duke Center
Lindley, Harry Edward, ... Burnside
Marvin, T. Watson, ... Bartonsville
Mason, John Edgar, ... North East
McCollum, Fred Trax, ... Oil City
McElwaine, James Calvin, ... Bradford
Montgomery, Lee, ... Brookfield, O.

Pardee, Jesse Homan,. . . . . Bousson
Reed, Thomas O., ... Clay Center, Kan.
Rice, Bert, ... Meadville
Saxman, Albert Clarence, . . . Putneyville
Schmid, Philip, ... Meadville
Symons, Johnson, ... Norway, Mich.
Travis, Albert K., ... Larimer
Thomas, James Ray, ... Woodcock
Welker, William Charles, ... Mercer
Wentworth, Thomas A., ... Deckards
Wetzel, Edward Lee, ... McGee's Mills
Williams, Francis Herbert, . . . Meadville
Wilson, Clyde, ... Meadville
Winebrenner, Scott E., ... Bolivar
Woodford, Rollin Cornelius, . . . Bennett

UNCLASSIFIED.

Barnaby, Lauretta Fay, ... Meadville
Coon, Orlo O., ... Townville
Corbett, Lucile, ... Clarion
Cooper, Margaret, . . . Parker's Landing
Davis, Alfred Collins, ... Westford
Farley, Allie Belle, ... Spartansburg
Humes, Edwin Lowery, ... Meadville
Larrabee, Don Marshall, . . . Emporium
Lewis, Anna K., . . . Upper Middletown
Maxwell, Albert Thomas, . . . Unionport, O.
Maxwell, Maud, ... Oil City
McCommons, James Albert, . . Lundy's Lane
McCracken, Elizabeth, ... Oil City
Payne, Edith M., . . Cherry Creek, N. Y.
Sibley, Otis Howard, ... President
Sturgis, Ethel M., . . . Westfield, N. Y.

Summary of Students.

COLLEGE:—

Resident Graduate	1	
Seniors	35	
Juniors	26	
Sophomores	43	
Freshmen	69	
Special	8	
		182

PREPARATORY:—

Third year	24	
Second year	62	
First year	45	
Unclassified	16	
		147
Total		329

Degrees Conferred June 25, 1896.

BACHELOR OF ARTS.

Florence Appleby,
George Wellington Boulger,
Aldus Mead Brisbin,
Herman S. Chamberlain,
Norman Addison Darling,
Millicent Margaret Davis,
Robert Calvin Douds,
Arthur D. Dunn,
Frederick Norman Frits,
Matilda Margaret Fromyer,
George N. Gage,
Lyle Donald Gilmore,
Herman Wells Goodwin,
Gertrude Harper,
Gertrude Isabelle Howe,
Silas Conrad Kimm,
Margaret Anne Kramer,
Newton Byron Madden,
Grant Norris,
Sarah Jane Nutt,
Isaac Loeb Ohlman,
John J. Pachejieff,
William Henry Pratt,
Samuel Peter Schiek,
Frances Maud Slater,
Elbridge Greer Stackpole,
John Brown Townley,
Letitia Estelle Trace,
Wallace Alton Wilson.

CIVIL ENGINEER.

Urban Goldeth Ketner,
Clare E. Kent,
Arthur William Thornton.

MASTER OF ARTS PRO MERITO.

Charles Peter Lynch.

MASTER OF ARTS IN CURSU.

William C. Pickett,
Rebecca F. Cooper,
Newton Chalker,
Thomas Edgar Lytle,
Sylvester C. Humes,
Laura Temple,
William E. E. Barcus,
R. Bruce Gamble,
Alden Ottice Davis,
Elmer S. Nickerson,
Edgar D. Mowry,
Robert Merrill Kurtz,
Clinton M. Dickey,
Margaret Belle Harper,
John Church Nash,
John K. Howe,
Rebecca Belle Watson,
Grace Henderson.

DOCTOR OF PHILOSOPHY.

James Whitaker, John C. Brown,
Wilmer F. Herr, Jesse Richards Thompson.
Calvin L. Walton.

DOCTOR OF DIVINITY.

Edward S. McChesney, R. N. Stubbs.

Meadville Conservatory of Music.

(AFFILIATED WITH ALLEGHENY COLLEGE.)

JUVIA O. HULL, Director.

GENERAL DESCRIPTION.

At the annual meeting, June 23, 1886, the trustees of Allegheny College authorized the affiliation of the Meadville Conservatory of Music with the College. Each of the institutions remains under its own management, having separate charters and boards of trustees, but students in each may avail themselves of the advantages of the other. Students in the Preparatory School may also study music in the Conservatory. A limited amount of music is allowed as an elective in the English and Modern Language Course.

BROAD CULTURE AFFORDED.—The Meadville Conservatory of Music was established for the purpose of affording superior advantages for the study of Music in all its higher branches. The courses of study pursued are similar to those of the successful schools of Music in Europe and America, and are calculated to make cultured, thoroughly competent, and skillful musicians of the graduates; also to give them a system of school for their use when they in turn wish to become professional teachers.

DEPARTMENTS AND SCHOOLS.

The Conservatory of Music has the following departments and schools: Piano, Organ, Formation and Cultivation of the Voice, Violin, Orchestra, Quartet and Ensemble Playing, Orchestral and Band Instruments, Harmony, Composition, Theory, Orchestration, Church Music, Oratorio and Chorus Practice.

PIPE ORGAN.—In 1893 a magnificent new Vocalion organ, of large size, from the manufactory of Mason & Risch, Worcester, Mass., was added to the equipment of

the Conservatory, and is available for lessons and practice. Full details in the catalogue of the Conservatory of Music, to be had on application to Mrs. Juvia O. Hull, Director, Meadville, Pa.

A detailed outline of the courses of the several schools of Music can be had on application to the Director for the *Conservatory Catalogue*.

LESSONS.—Pupils may receive two lessons in each branch of Music per week in the regular graduating courses. The Conservatory term consists of ten weeks (twenty lessons). No deduction for lessons missed.

Pupils may enter the Conservatory at any time, but if possible, it is always better to commence with the new term.

FOUR YEARS' COURSE.—The course comprises four years' work.

Pupils are received into any division or grade which upon examination they may be qualified to enter.

LADY STUDENTS' HOME.—Ladies studying Music only are admitted to Hulings Hall on the same terms as other lady students.

DIPLOMAS.—Diplomas are given the graduates of the different courses, signed by the President of the Faculty, Director of Music, and teachers of the various departments from which they are graduated.

RATES OF TUITION.

For private lessons per term of ten weeks, two lessons per week, payable in advance:

Piano,	1st and 2d grades	$15.00
	3d, 4th, and 5th grades	20.00
Voice,	Private Lessons	20.00
Pipe Organ,		20.00
Violin	1st and 2d grades	15.00
	3d, 4th, and 5th grades	20.00
Banjo and Guitar		15.00
Concert	1st and 2d grades	15.00
	3d, 4th, and 5th grades	20.00
Harmony,		20.00

Theory,	20.00
Counterpoint,	20.00
Composition,	20.00
Orchestration,	20.00
Estimated expense per term for music used, about	5.00
Rent of Piano, one hour per day, per term	3.00
Rent of Pipe Organ, two hours per day, per term	20.00
Rent of Pipe Organ, one hour per day, per term	10.00

Experienced instructors are secured in the following branches: Painting, Drawing, French, German, Physical Culture and Elocution.

CALENDAR FOR 1897-8.

June 17, 18, 19, 1897, . . Examinations
June 20, 10:45 a. m., . . . Baccalaureate Sermon
By President WILLIAM H. CRAWFORD.
June 20, 7:45 p. m., . Annual Sermon before College Y. M. C. A.,
By the REV. B. F. BEAZELL, D. D.
June 21, 4:00 p. m., . . . Field Day
June 21, 8:00 p. m., . . Inter-Society Contest
June 22, 3:00 p. m., Annual Meeting of Board of Control
June 22, 8:00 p. m., . . Class Day Exercises
June 23, 9:30 a. m., Annual Meeting of Board of Trustees
June 23, 3:00 p. m., . Meeting of Alumni Association
June 23, 5:00 p. m., . . Alumni Address
By CLIFFORD W. FULLER, A.M., PH.D., '86.
Cleveland, O.
June 24, 10:00 a. m., . Commencement Exercises
Commencement Address by President Charles J. Little, D. D., LL. D.

SUMMER VACATION.

September 18, 20, 1897, . Entrance Examinations
September 21, Tuesday, . . . Fall Term Begins
December 16, Thursday, . . Fall Term Ends

WINTER VACATION.

January 4, 1898, Tuesday, . Winter Term Begins
January 27, Thursday, . Day of Prayer for Colleges
March 24, Thursday, . . Winter Term Ends

SPRING VACATION.

April 5, Tuesday, . . . Spring Term Begins
June 23, Thursday, . . Commencement

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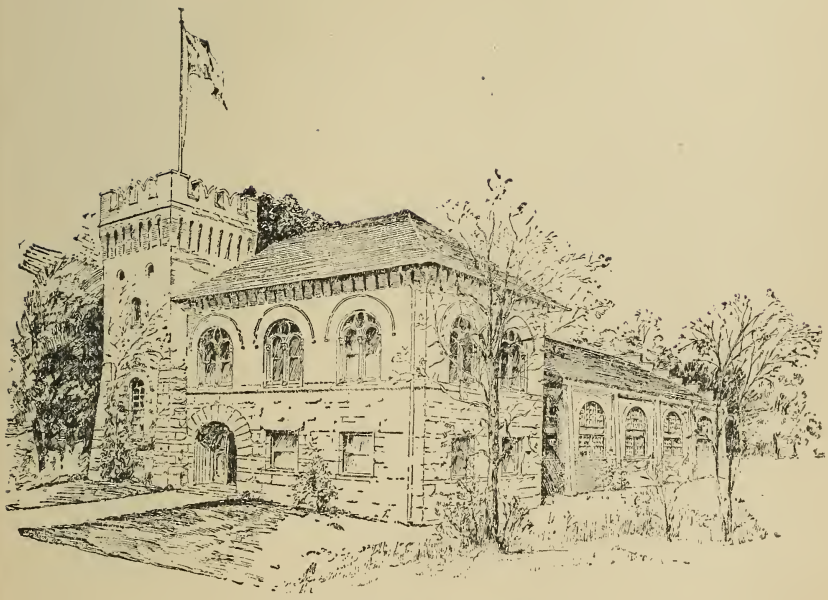

NEW GYMNASIUM AND ARMORY.

Described on pages 10 and 11.

UNIVERSITY OF ILLINOIS-URBANA
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